

Converting Colors

XYZ(85.9943, 94.2193,
106.5831)

Have a look what the booklet for
XYZ(85.9943, 94.2193, 106.5831)
contains.

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Color

**XYZ(86.1336, 94.4982,
106.6288)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FDFD
RGB	232, 253, 253
RGB Percent	91%, 99%, 99%
CMY	0.0902, 0.0078, 0.0078
CMYK	0.08, 0.00, 0.00, 0.01
HSL	180°, 84%, 95%
HSV	180°, 8%, 99%
XYZ	86.1336, 94.4982, 106.6288
YIQ	246.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

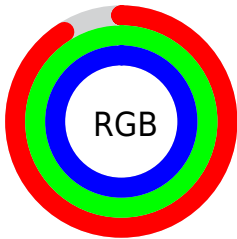
Format	Color
R _Y B	232, 243, 253
Decimal	15269373
CIE Lab	97.83, -6.80, -2.35
CIE LCh	98, 7.196, 199.039
Yxy	94.4982, 0.2998, 0.3290
Android (android.graphics.Color)	4293459453 (0xFFE8FDFD)
YUV	246.7210, 3.0955, -12.9103
Hunter-Lab	97.2102, -11.9570, 3.0126

Details

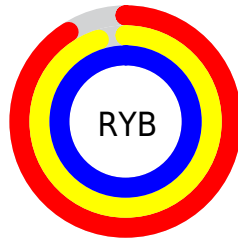
The XYZ color **86.1336, 94.4982, 106.6288** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.9335, 84.4246, 88.2200**, and the grayscale version is **88.1667, 92.7582, 101.0137**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6082, 52.6955, 59.8866** is the 20% darker color. If you saturate the color by 10%, you get **78.5050, 90.5682, 106.2700**, and if you desaturate by 10%, it is **94.0977, 98.6063, 107.0072**.

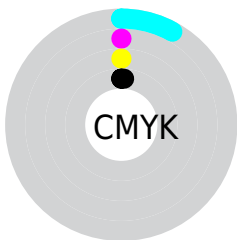
Distribution



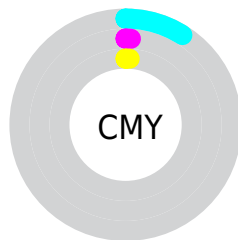
- Red (91%)
- Green (99%)
- Blue (99%)



- Red (91%)
- Yellow (95%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (9%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.1336, 94.4982, 106.6288 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 86.1336, 94.4982, 106.6288 by changing the saturation by 10% instead.

86.1336, 94.4982,
106.6288

86.1336, 94.4982,
106.6288

503.7990,
542.5573, 602.6698

65.1041, 71.7174,
81.2003

140.8618,
153.5712, 172.3683

47.8105, 52.9279,
60.1746

175.2912,
190.6321, 213.5164

33.8875, 37.7452,
43.1332

214.9179,
233.2219, 260.7414

22.9696, 25.7850,
29.6575

260.1073,
281.7249, 314.4620

14.6917, 16.6628,
19.3289

311.2248,
336.5256, 375.0965

8.6882, 9.9944,
11.7290

368.6356,

4.5938, 5.3952,

398.0083, 443.0637

6.4391

432.7052,
466.5574, 518.7819

■ 2.0433, 2.4810,
3.0408

■ 0.6581, 0.8671,
1.1155

■ 86.1336, 94.4982,
106.6288

■ 86.1336, 94.4982,
106.6288

■ 78.5050, 90.5682,
106.2700

■ 94.0977, 98.6063,
107.0072

■ 72.0057, 87.2178,
105.9620

■ 94.0984, 98.6066,
107.0111

■ 66.5845, 84.4231,
105.7046

■ 94.0991, 98.6069,
107.0149

■ 62.1831, 82.1542,
105.4948

■ 94.0998, 98.6072,
107.0187

■ 58.7378, 80.3782,
105.3298

■ 94.1006, 98.6075,
107.0225

■ 56.1777, 79.0584,
105.2062

■ 94.1013, 98.6078,
107.0263

■ 54.4219, 78.1534,
105.1203

■ 94.1020, 98.6081,
107.0301

■ 53.3749, 77.6137,
105.0675

■ 94.1027, 98.6084,
107.0339

■ 52.9042, 77.3712,
105.0417

■ 94.1035, 98.6086,
107.0377

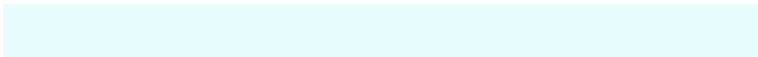
Harmonies

Analogous

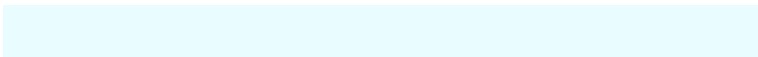
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9936, 94.4982, 100.7555



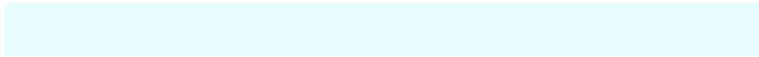
86.1336, 94.4982, 106.6288



87.2519, 94.4982, 111.6780

Triad

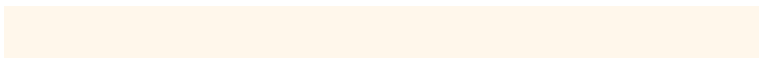
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1336, 94.4982, 106.6288



92.8351, 94.4982, 110.4915



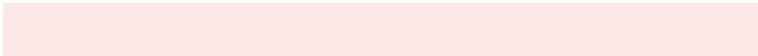
90.5712, 94.4982, 92.1764

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



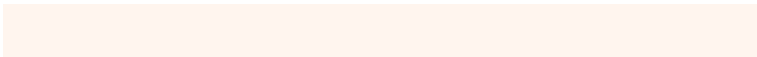
86.1336, 94.4982, 106.6288



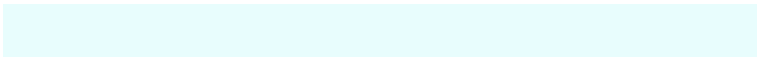
83.9335, 84.4246, 88.2200

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.4333, 94.4982, 94.5803



86.1336, 94.4982, 106.6288



93.7536, 94.4982, 105.0595

Square

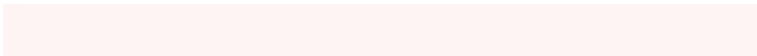
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



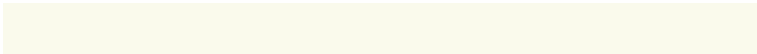
86.1336, 94.4982, 106.6288



91.1130, 94.4982, 113.9662



93.6054, 94.4982, 99.2445



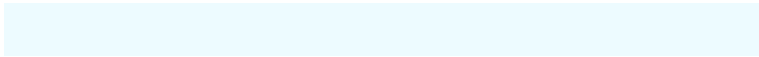
88.5347, 94.4982, 92.5604

Rectangle

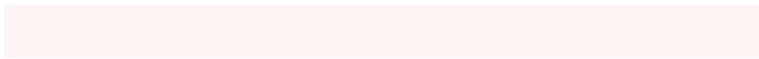
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



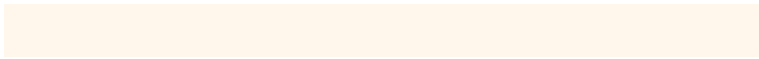
86.1336, 94.4982, 106.6288



88.4114, 94.4982, 113.8273



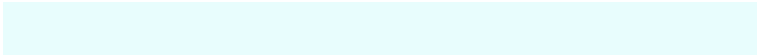
93.6054, 94.4982, 99.2445



91.2388, 94.4982, 92.6814

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



86.1363, 94.5022, 106.6309



93.1984, 99.0455, 108.8126



83.0859, 93.2952, 89.9741



19.9677, 21.2098, 23.2913



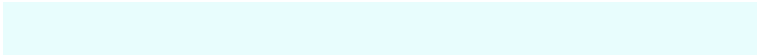
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

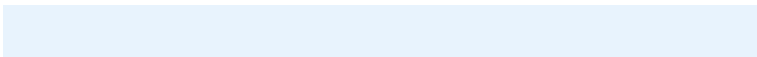
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1363, 94.5022, 106.6309



86.2821, 95.4801, 108.4858



83.0167, 88.2621, 105.5940



18.5548, 20.4815, 23.2245



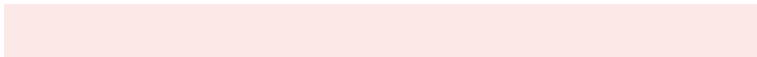
28.1131, 41.1418, 55.8742



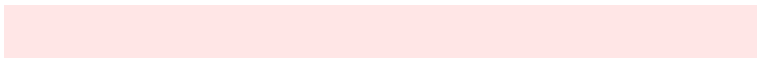
2.7373, 4.0059, 5.4405

Inverse Universe

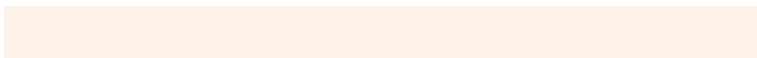
The Inverse Universe completely reimagines the original color for something new.



83.9335, 84.4246, 88.2200



83.6113, 83.2611, 86.1629



86.8737, 90.3058, 89.1974



18.0096, 17.9871, 18.6677



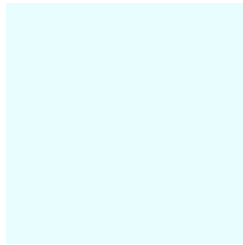
21.5490, 11.1089, 1.0095



2.0982, 1.0817, 0.0985

Previews

White Background



This preview shows how the XYZ color 86.1336, 94.4982, 106.6288 looks on a white background.

Color Contrast Check

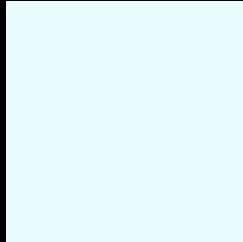
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 86.1336, 94.4982, 106.6288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

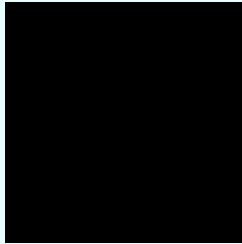
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.1336, 94.4982, 106.6288

Background



This preview shows how black text looks on a background with the XYZ color 86.1336, 94.4982, 106.6288.



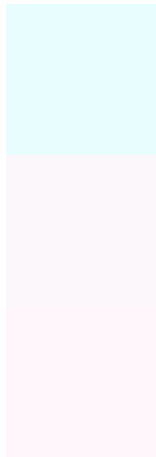
This preview shows how white text looks on a background with the XYZ color 86.1336, 94.4982,

106.6288.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.1336, 94.4982, 106.6288

Protanopia

90.6610, 94.1191, 103.8309

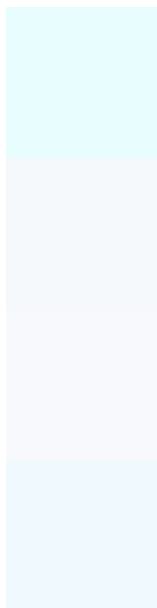
Deuteranopia

91.6084, 94.1366, 104.6087

Tritanopia

89.5819, 94.3838, 108.1042

Trichromacy



Original Color

86.1336, 94.4982, 106.6288

Protanomaly

88.9445, 94.1289, 104.7476

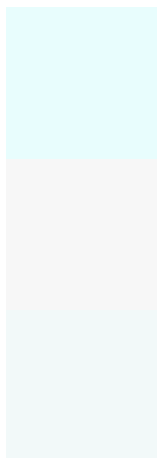
Deuteranomaly

89.8041, 94.5538, 105.6130

Tritanomaly

88.0102, 94.0522, 107.2812

Monochromacy



Original Color

86.1336, 94.4982, 106.6288

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.5925, 93.4682, 103.0471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.1336, 94.4982, 106.6288 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 253, 253)` looks like.

```
.text, #text, p{  
    color:rgb(232, 253, 253)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 253, 253) }
```

Border

The CSS property to change the border of an element to XYZ 86.1336, 94.4982, 106.6288 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 253, 253) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(232, 253, 253) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(232, 253, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(232, 253,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 86.1336, 94.4982, 106.6288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 253, 253) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
253, 253) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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