

Converting Colors

XYZ(86.5649, 93.3113,
106.5353)

Have a look what the booklet for
XYZ(86.5649, 93.3113, 106.5353)
contains.

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Color

**XYZ(86.5073, 93.2959,
106.3770)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFAFD
RGB	236, 250, 253
RGB Percent	93%, 98%, 99%
CMY	0.0745, 0.0196, 0.0078
CMYK	0.07, 0.01, 0.00, 0.01
HSL	191°, 81%, 96%
HSV	191°, 7%, 99%
XYZ	86.5073, 93.2959, 106.3770
YIQ	246.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

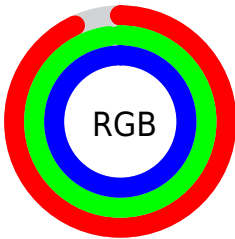
Format	Color
R _Y B	236, 244, 253
Decimal	15530749
CIE Lab	97.35, -4.01, -3.03
CIE LCh	97, 5.027, 217.020
Yxy	93.2959, 0.3023, 0.3260
Android (android.graphics.Color)	4293720829 (0xFFECAFDF)
YUV	246.1560, 3.3741, -8.9068
Hunter-Lab	96.5898, -9.1648, 2.3152

Details

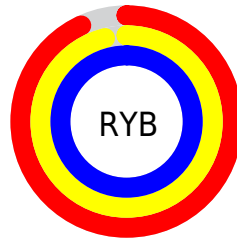
The XYZ color **86.5073, 93.2959, 106.3770** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.5152, 88.6712, 91.9138**, and the grayscale version is **87.7048, 92.2723, 100.4845**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0780, 52.2724, 59.7802** is the 20% darker color. If you saturate the color by 10%, you get **77.3265, 86.5328, 105.5569**, and if you desaturate by 10%, it is **94.5594, 99.5309, 107.1575**.

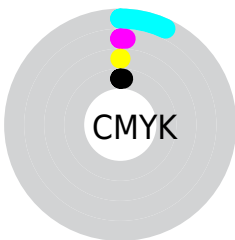
Distribution



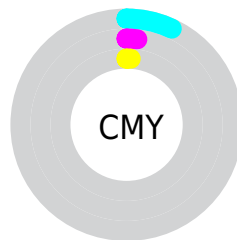
- Red (93%)
- Green (98%)
- Blue (99%)



- Red (93%)
- Yellow (96%)
- Blue (99%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (7%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.5073, 93.2959, 106.3770 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 86.5073, 93.2959, 106.3770 by changing the saturation by 10% instead.


 86.5073, 93.2959,
106.3770

 86.5073, 93.2959,
106.3770


505.0114,
538.6950, 601.8706

 65.4142, 70.7175,
80.9904


141.3804,
151.9082, 172.0214

 48.0630, 52.1117,
60.0027


175.8911,
188.7109, 213.1163

 34.0882, 37.0941,
42.9955

215.6051,
231.0238, 260.2843

 23.1246, 25.2803,
29.5502

260.8877,
279.2312, 313.9440

 14.8067, 16.2860,
19.2483

312.1043,
333.7177, 374.5139

 8.7693, 9.7268,
11.6712

369.6202,

 4.6469, 5.2182,

394.8675, 442.4127

6.4004

433.8007,
463.0652, 518.0587

■ 2.0742, 2.3758,
3.0173

■ 0.6751, 0.8134,
1.1035

■ 86.5073, 93.2959,
106.3770

■ 86.5073, 93.2959,
106.3770

■ 77.3265, 86.5328,
105.5569

94.5594, 99.5309,
107.1575

■ 69.3157, 80.4186,
104.7990

94.7299, 99.8720,
107.2144

■ 62.4241, 74.9293,
104.1027

■ 56.5939, 70.0349,
103.4652

■ 51.7621, 65.7024,
102.8836

■ 47.8588, 61.8956,
102.3546

■ 44.8049, 58.5732,
101.8742

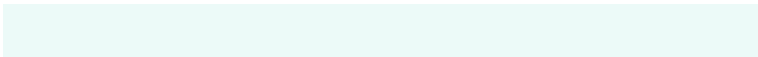
■ 42.5074, 55.6870,
101.4382

■ 40.8492, 53.1763,
101.0410

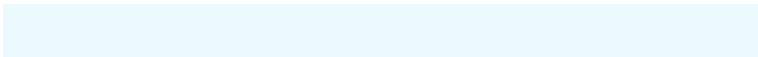
Harmonies

Analogous

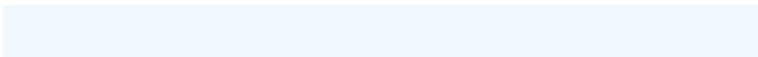
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9858, 93.2959, 102.5445



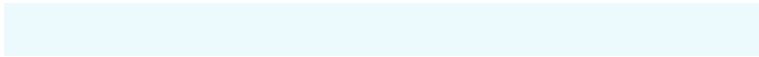
86.5073, 93.2959, 106.3770



87.6106, 93.2959, 108.9731

Triad

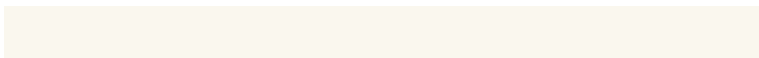
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5073, 93.2959, 106.3770



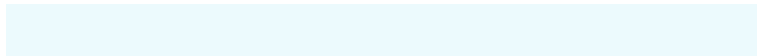
91.2190, 93.2959, 104.6748



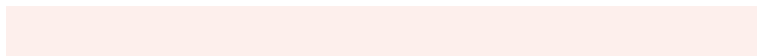
88.3408, 93.2959, 93.9996

Complementary

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



86.5073, 93.2959, 106.3770



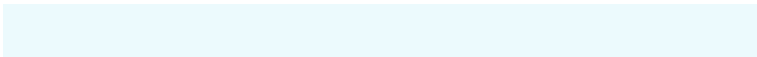
86.5152, 88.6712, 91.9138

Split Complementary

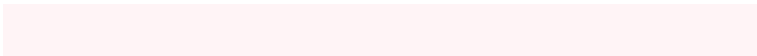
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.7479, 93.2959, 94.5356



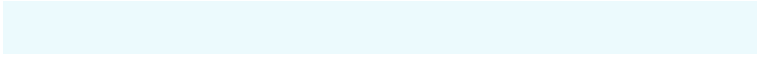
86.5073, 93.2959, 106.3770



91.4196, 93.2959, 100.6283

Square

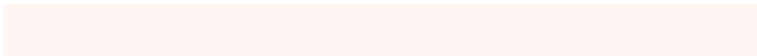
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.5073, 93.2959, 106.3770



90.3333, 93.2959, 107.9721



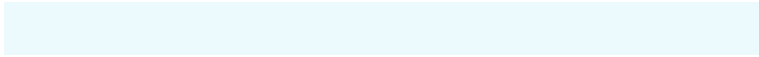
90.8785, 93.2959, 96.9360



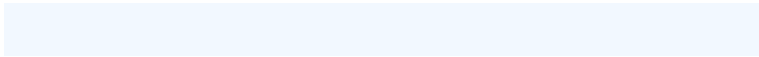
87.0370, 93.2959, 95.4518

Rectangle

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



86.5073, 93.2959, 106.3770



88.5327, 93.2959, 109.6152



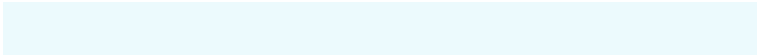
90.8785, 93.2959, 96.9360



88.8173, 93.2959, 93.9538

Sweetspot

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



86.5100, 93.2998, 106.3791



92.9124, 98.4734, 108.7180



85.2742, 94.3071, 95.2425



19.9095, 21.0934, 23.2720



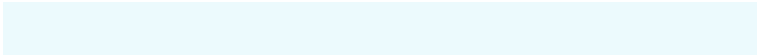
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



86.5100, 93.2998, 106.3791



86.8027, 94.0615, 108.1884



83.9762, 88.2323, 105.5345



18.2665, 19.9046, 23.1292



21.5805, 28.0706, 53.7153



2.1694, 2.8695, 5.2528

Inverse Universe

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



87.7609, 87.7775, 102.7643



88.3104, 87.4384, 103.8243



89.0126, 93.6659, 92.7463



18.6472, 18.2422, 22.0251



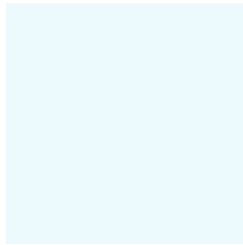
27.6810, 13.5617, 33.3004



2.7296, 1.3342, 3.4235

Previews

White Background



This preview shows how the XYZ color 86.5073, 93.2959, 106.3770 looks on a white background.

Color Contrast Check

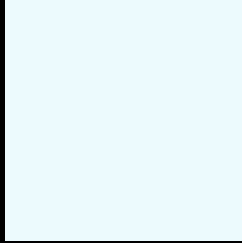
Large Text (above 18pt) WCAG AA × Fail

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 86.5073, 93.2959, 106.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

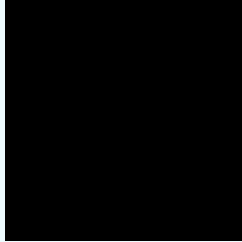
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.5073, 93.2959, 106.3770

Background



This preview shows how black text looks on a background with the XYZ color 86.5073, 93.2959, 106.3770.



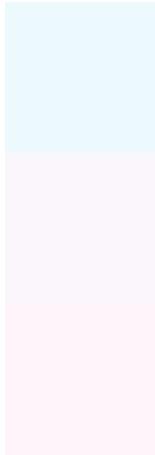
This preview shows how white text looks on a background with the XYZ color 86.5073, 93.2959,

106.3770.

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

86.5073, 93.2959, 106.3770

Protanopia

89.7927, 93.2006, 104.5237

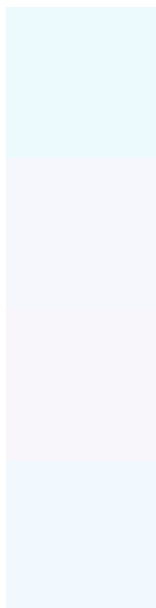
Deuteranopia

90.8460, 92.8635, 103.5788

Tritanopia

88.6190, 92.9746, 107.8829

Trichromacy



Original Color

86.5073, 93.2959, 106.3770

Protanomaly

88.4876, 92.9623, 105.3752

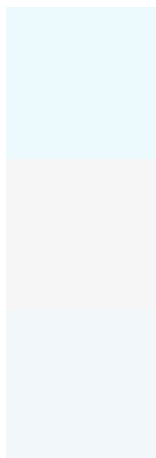
Deuteranomaly

89.0798, 92.8330, 104.4903

Tritanomaly

87.7324, 92.9913, 107.0911

Monochromacy



Original Color

86.5073, 93.2959, 106.3770

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.9776, 92.2383, 102.8421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5073, 93.2959, 106.3770 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(236, 250, 253)` looks like.

```
.text, #text, p{  
    color:rgb(236, 250, 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(236, 250, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 250, 253) }
```

Border

The CSS property to change the border of an element to XYZ 86.5073, 93.2959, 106.3770 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(236, 250, 253) }
```


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

```
.border{ border-color:rgb(236, 250, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 250, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 250, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 250, 253);  
box-shadow:4px 4px 4px 4px rgb(236, 250,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5073, 93.2959, 106.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 250, 253) }
```

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

```
.background{ background-color: rgb(236,  
250, 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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