

Converting Colors

XYZ(86.2226, 93.0340,
107.2664)

Have a look what the booklet for
XYZ(86.2226, 93.0340, 107.2664)
contains.

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Color

**XYZ(86.3359, 93.1891,
107.2028)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFAFE
RGB	235, 250, 254
RGB Percent	92%, 98%, 100%
CMY	0.0784, 0.0196, 0.0039
CMYK	0.07, 0.02, 0.00, 0.00
HSL	193°, 90%, 96%
HSV	193°, 7%, 100%
XYZ	86.3359, 93.1891, 107.2028
YIQ	245.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

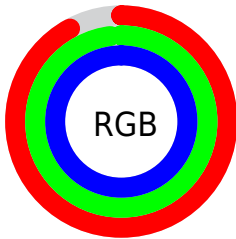
Format	Color
R _Y B	235, 243, 254
Decimal	15465214
CIE Lab	97.30, -4.15, -3.61
CIE LCh	97, 5.501, 221.065
Yxy	93.1891, 0.3011, 0.3250
Android (android.graphics.Color)	4293655294 (0xFFEBFAFE)
YUV	245.9710, 3.9583, -9.6216
Hunter-Lab	96.5345, -9.2934, 1.7318

Details

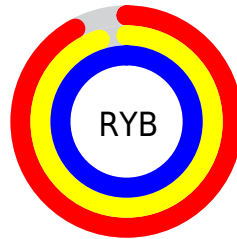
The XYZ color **86.3359, 93.1891, 107.2028** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.7353, 88.8013, 91.1676**, and the grayscale version is **87.5511, 92.1106, 100.3084**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9602, 52.1985, 60.3709** is the 20% darker color. If you saturate the color by 10%, you get **76.9054, 85.9004, 106.2944**, and if you desaturate by 10%, it is **94.8897, 99.9359, 108.0557**.

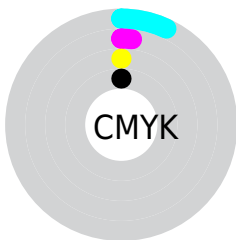
Distribution



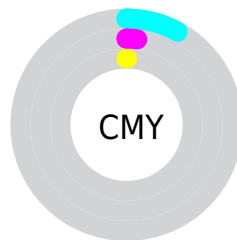
- Red (92%)
- Green (98%)
- Blue (100%)



- Red (92%)
- Yellow (95%)
- Blue (100%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.3359, 93.1891, 107.2028 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 86.3359, 93.1891, 107.2028 by changing the saturation by 10% instead.

86.3359, 93.1891,
107.2028

86.3359, 93.1891,
107.2028

504.4555,
538.3512, 604.4897

65.2720, 70.6287,
81.6791

141.1426,
151.7604, 173.1587

47.9472, 52.0392,
60.5668

175.6160,
188.5401, 214.4279

33.9961, 37.0363,
43.4473

215.2900,
230.8283, 261.7828

23.0535, 25.2356,
29.9023

260.5298,
279.0094, 315.6417

14.7539, 16.2527,
19.5130

311.7010,
333.4679, 376.4234

8.7321, 9.7031,
11.8610

369.1687,

4.6225, 5.2026,

394.5881, 444.5462

6.5277

433.2984,
462.7544, 520.4288

■ 2.0600, 2.3666,
3.0946

■ 0.6673, 0.8086,
1.1431

■ 86.3359, 93.1891,
107.2028

■ 86.3359, 93.1891,
107.2028

■ 76.9054, 85.9004,
106.2944

94.8897, 99.9359,
108.0557

■ 68.6657, 79.2923,
105.4532

■ 61.5652, 73.3401,
104.6786

■ 55.5448, 68.0128,
103.9676

■ 50.5405, 63.2768,
103.3172

■ 46.4808, 59.0947,
102.7240

■ 43.2847, 55.4241,
102.1839

■ 40.8568, 52.2151,
101.6925

■ 39.0728, 49.4032,
101.2437

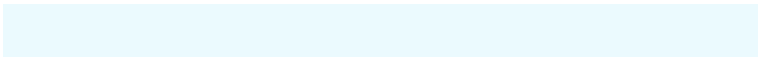
Harmonies

Analogous

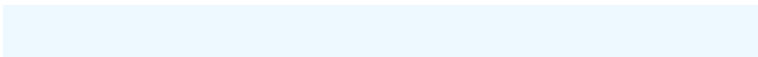
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6684, 93.1891, 103.1211



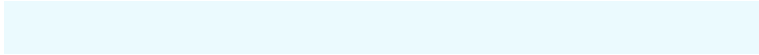
86.3359, 93.1891, 107.2028



87.6057, 93.1891, 109.7929

Triad

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



86.3359, 93.1891, 107.2028



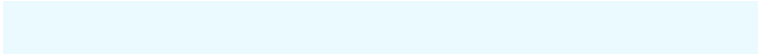
91.4348, 93.1891, 104.2742



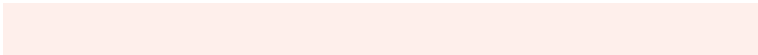
88.0003, 93.1891, 93.2850

Complementary

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



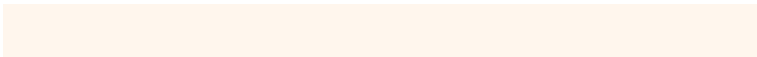
86.3359, 93.1891, 107.2028



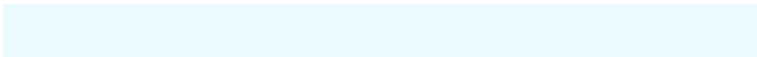
86.7353, 88.8013, 91.1676

Split Complementary

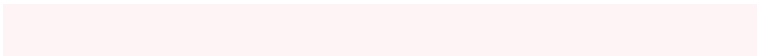
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.5482, 93.1891, 93.5732



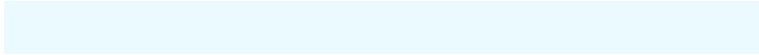
86.3359, 93.1891, 107.2028



91.5434, 93.1891, 99.8309

Square

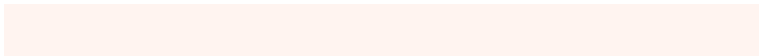
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3359, 93.1891, 107.2028



90.5542, 93.1891, 108.0682



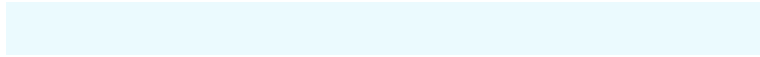
90.8493, 93.1891, 95.9397



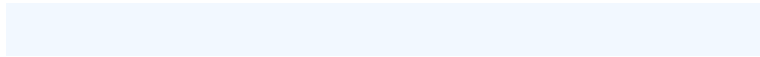
86.6218, 93.1891, 95.1404

Rectangle

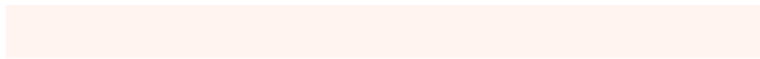
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.3359, 93.1891, 107.2028



88.6291, 93.1891, 110.2810



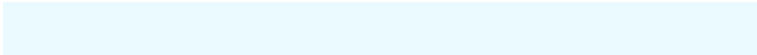
90.8493, 93.1891, 95.9397



88.5178, 93.1891, 93.1358

Sweetspot

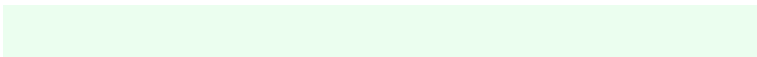
The Sweet Spot groups the original color and five complimentary colors.



86.3386, 93.1930, 107.2049



92.8573, 98.3630, 108.6996



85.2546, 94.7675, 95.3065



19.8983, 21.0710, 23.2683



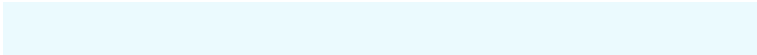
0.0000, 0.0000, 0.0000



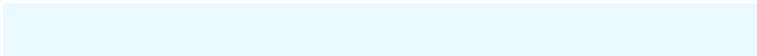
20.3446, 21.4041, 23.3091

Same Dimension

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



86.3386, 93.1930, 107.2049



85.5844, 92.8630, 108.0213



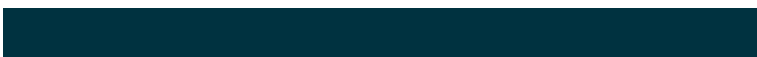
83.5183, 87.5526, 106.2648



18.2115, 19.7946, 23.1108



20.5022, 25.9141, 53.3559



2.0736, 2.6779, 5.2209

Inverse Universe

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



87.8387, 87.3914, 102.6857



87.3932, 85.9144, 102.5618



89.5296, 94.3899, 92.0991



18.6194, 18.2311, 21.8789



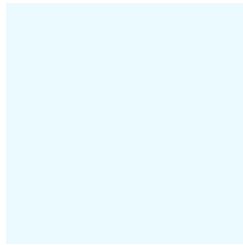
27.1368, 13.3440, 30.4344



2.6813, 1.3149, 3.1689

Previews

White Background



This preview shows how the XYZ color 86.3359, 93.1891, 107.2028 looks on a white background.

Color Contrast Check

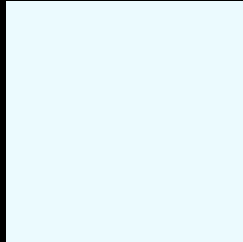
Large Text (above 18pt) WCAG AA × Fail

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 86.3359, 93.1891, 107.2028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

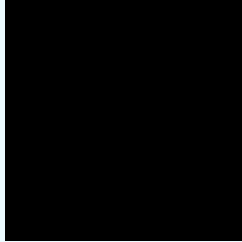
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.3359, 93.1891, 107.2028

Background



This preview shows how black text looks on a background with the XYZ color 86.3359, 93.1891, 107.2028.

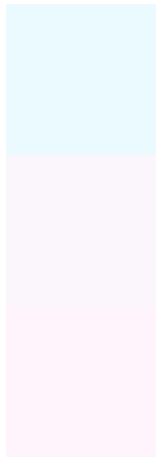


This preview shows how white text looks on a background with the XYZ color 86.3359, 93.1891,

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

86.3359, 93.1891, 107.2028

Protanopia

89.7927, 93.2006, 104.5237

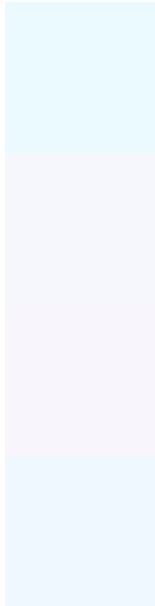
Deuteranopia

91.0033, 92.9264, 104.4070

Tritanopia

88.2729, 92.7962, 107.8667

Trichromacy



Original Color

86.3359, 93.1891, 107.2028

Protanomaly

88.4876, 92.9623, 105.3752

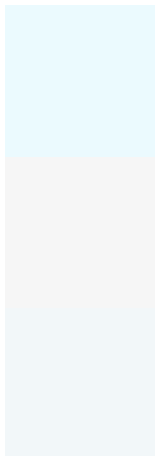
Deuteranomaly

89.2379, 92.8963, 105.3229

Tritanomaly

87.5526, 92.8801, 107.9209

Monochromacy



Original Color

86.3359, 93.1891, 107.2028

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 86.3359, 93.1891, 107.2028 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(235, 250, 254)` looks like.

```
.text, #text, p{  
    color:rgb(235, 250, 254)  
}
```

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(235, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 250, 254) }
```

Border

The CSS property to change the border of an element to XYZ 86.3359, 93.1891, 107.2028 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(235, 250, 254) }
```


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

```
.border{ border-color:rgb(235, 250, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 250, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(235, 250,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3359, 93.1891, 107.2028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 250, 254) }
```

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

```
.background{ background-color: rgb(235,  
250, 254) }
```

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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