

Converting Colors

XYZ(86.7564, 91.9396,
107.7813)

Have a look what the booklet for
XYZ(86.7564, 91.9396, 107.7813)
contains.

XYZ(86.9074, 92.0923, 107.8028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(86.9074, 92.0923,
107.8028)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF7FF
RGB	239, 247, 255
RGB Percent	94%, 97%, 100%
CMY	0.0627, 0.0314, 0.0000
CMYK	0.06, 0.03, 0.00, 0.00
HSL	210°, 100%, 97%
HSV	210°, 6%, 100%
XYZ	86.9074, 92.0923, 107.8028
YIQ	245.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

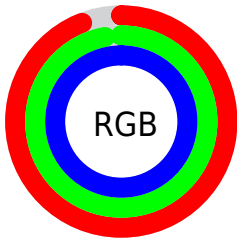
Format	Color
R_{YB}	239, 244, 255
Decimal	15726591
CIE _{Lab}	96.86, -1.16, -4.75
CIE _{LCh}	97, 4.893, 256.310
Yxy	92.0923, 0.3030, 0.3211
Android (android.graphics.Color)	4293916671 (0xFFEFF7FF)
YUV	245.5200, 4.6736, -5.7180
Hunter-Lab	95.9647, -6.2855, 0.5714

Details

The XYZ color **86.9074, 92.0923, 107.8028** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.0799, 94.0114, 95.0612**, and the grayscale version is **87.1797, 91.7199, 99.8829**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3523, 51.4061, 60.8000** is the 20% darker color. If you saturate the color by 10%, you get **75.1342, 80.4370, 106.1736**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

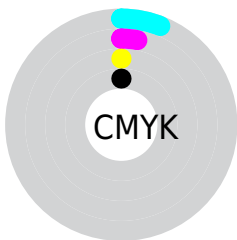
Distribution



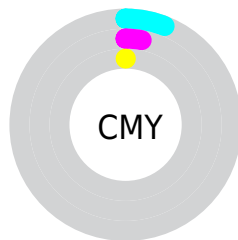
- Red (94%)
- Green (97%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.9074, 92.0923, 107.8028 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 86.9074, 92.0923, 107.8028 by changing the saturation by 10% instead.

86.9074, 92.0923,
107.8028

86.9074, 92.0923,
107.8028

506.3076,
534.8138, 606.3889

65.7464, 69.7173,
82.1797

141.9354,
150.2413, 173.9845

48.3335, 51.2961,
60.9770

176.5330,
186.7841, 215.3801

34.3034, 36.4443,
43.7761

216.3403,
228.8183, 262.8703

23.2908, 24.7775,
30.1587

261.7225,
276.7282, 316.8736

14.9302, 15.9114,
19.7060

313.0449,
330.8984, 377.8086

8.8564, 9.4615,
11.9995

370.6730,

4.7040, 5.0434,

391.7131, 446.0938

6.6208

434.9722,
459.5567, 522.1477

■ 2.1076, 2.2727,
3.1513

■ 0.6934, 0.7592,
1.1724

■ 86.9074, 92.0923,
107.8028

■ 86.9074, 92.0923,
107.8028

■ 75.1342, 80.4370,
106.1736

95.0500, 100.0000,
108.9000

■ 64.7837, 69.8999,
104.6853

■ 55.7986, 60.4463,
103.3341

■ 48.1149, 52.0345,
102.1155

■ 41.6629, 44.6203,
101.0244

■ 36.3661, 38.1549,
100.0557

■ 32.1381, 32.5847,
99.2034

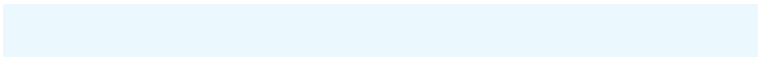
■ 28.8787, 27.8483,
98.4609

■ 26.4641, 23.8717,
97.8206

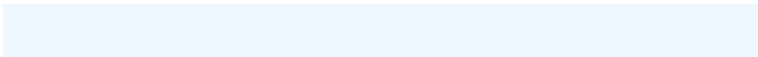
Harmonies

Analogous

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



85.7193, 92.0923, 105.8422



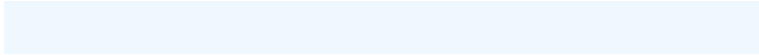
86.9074, 92.0923, 107.8028



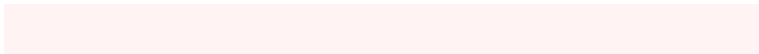
88.2748, 92.0923, 107.7089

Triad

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



86.9074, 92.0923, 107.8028



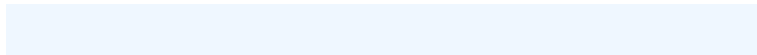
90.0903, 92.0923, 98.1636



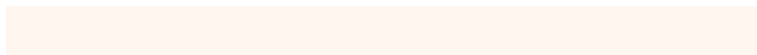
85.6351, 92.0923, 95.1383

Complementary

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



86.9074, 92.0923, 107.8028



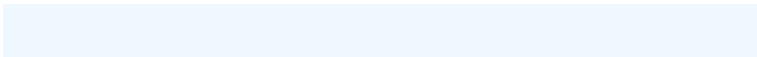
90.0799, 94.0114, 95.0612

Split Complementary

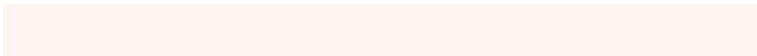
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.7914, 92.0923, 93.1872



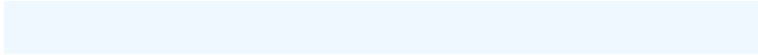
86.9074, 92.0923, 107.8028



89.3680, 92.0923, 94.9024

Square

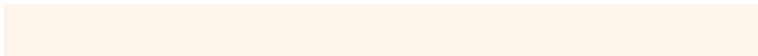
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



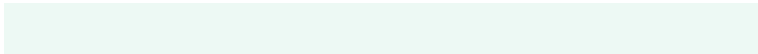
86.9074, 92.0923, 107.8028



90.1222, 92.0923, 102.0736



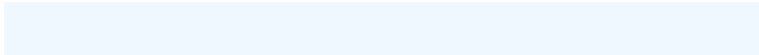
88.1575, 92.0923, 93.1020



84.9899, 92.0923, 98.4934

Rectangle

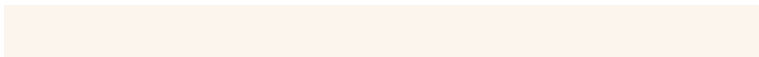
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.9074, 92.0923, 107.8028



89.1042, 92.0923, 106.4923



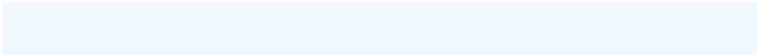
88.1575, 92.0923, 93.1020



85.9763, 92.0923, 94.3004

Sweetspot

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



86.9098, 92.0961, 107.8034



92.3909, 97.4303, 108.5441



88.1048, 96.5701, 101.7772



19.8033, 20.8811, 23.2367



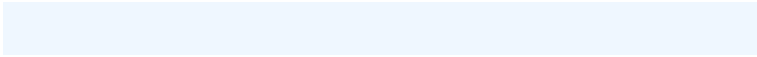
0.0000, 0.0000, 0.0000



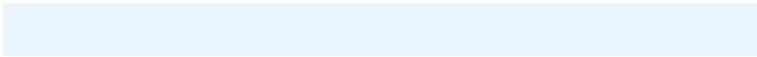
20.3446, 21.4041, 23.3091

Same Dimension

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



86.9098, 92.0961, 107.8034



84.7728, 90.0017, 107.5118



84.5925, 87.4615, 107.0310



17.7539, 18.8793, 22.9583



13.5854, 12.0803, 51.0503



1.4320, 1.3946, 5.0070

Inverse Universe

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



88.8965, 89.7099, 100.6307



87.2858, 87.0286, 98.4288



92.4953, 98.8421, 95.8663



18.3884, 18.1387, 20.6625



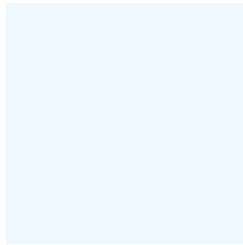
23.6455, 11.9475, 12.0494



2.3574, 1.1853, 1.4635

Previews

White Background



This preview shows how the XYZ color 86.9074, 92.0923, 107.8028 looks on a white background.

Color Contrast Check

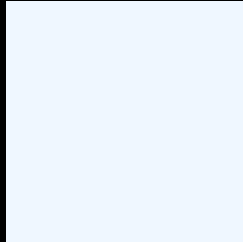
Large Text (above 18pt) WCAG AA × Fail

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 86.9074, 92.0923, 107.8028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

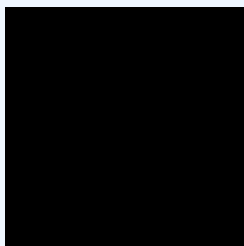
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

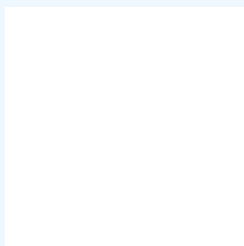
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.9074, 92.0923, 107.8028

Background



This preview shows how black text looks on a background with the XYZ color 86.9074, 92.0923, 107.8028.

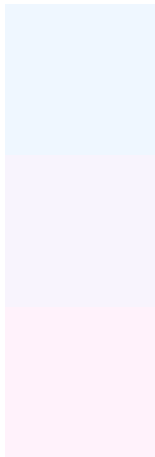


This preview shows how white text looks on a background with the XYZ color 86.9074, 92.0923,

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

86.9074, 92.0923, 107.8028

Protanopia

88.7917, 91.7497, 105.9581

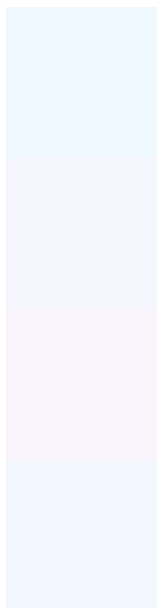
Deuteranopia

90.4047, 91.7293, 104.2075

Tritanopia

87.9679, 92.1862, 107.7651

Trichromacy



Original Color

86.9074, 92.0923, 107.8028

Protanomaly

88.1980, 91.8731, 106.8507

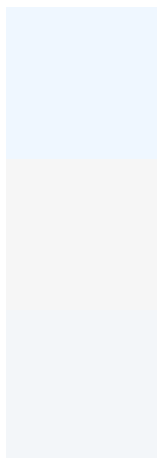
Deuteranomaly

88.9883, 91.8694, 105.1378

Tritanomaly

87.6237, 92.0088, 107.7489

Monochromacy



Original Color

86.9074, 92.0923, 107.8028

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.0168, 91.8058, 102.7565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.9074, 92.0923, 107.8028 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(239, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 247, 255)  
}
```

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(239, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.9074, 92.0923, 107.8028 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(239, 247, 255) }
```


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

```
.border{ border-color:rgb(239, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.9074, 92.0923, 107.8028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 247, 255) }
```

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

```
.background{ background-color: rgb(239,  
247, 255) }
```

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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