

Converting Colors

XYZ(85.7986, 92.1393,
100.4514)

Have a look what the booklet for
XYZ(85.7986, 92.1393, 100.4514)
contains.

XYZ(85.7986, 92.1393, 100.4514)	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(85.7986, 92.1393,
100.4514)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF8F6
RGB	239, 248, 246
RGB Percent	94%, 97%, 96%
CMY	0.0627, 0.0274, 0.0353
CMYK	0.04, 0.00, 0.01, 0.03
HSL	167°, 39%, 95%
HSV	167°, 4%, 97%
XYZ	85.7986, 92.1393, 100.4514
YIQ	245.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

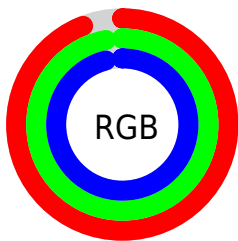
Format	Color
R_{YB}	239, 244, 248
Decimal	15726838
CIE _{Lab}	96.88, -3.31, -0.08
CIE _{LCh}	97, 3.314, 181.423
Yxy	92.1393, 0.3082, 0.3310
Android (android.graphics.Color)	4293916918 (0xFFEFF8F6)
YUV	245.0810, 0.4531, -5.3330
Hunter-Lab	95.9892, -8.4314, 5.1463

Details

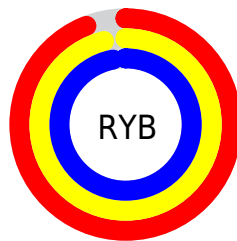
The XYZ color **85.7986, 92.1393, 100.4514** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.4585, 88.0429, 95.7134**, and the grayscale version is **86.8577, 91.3810, 99.5139**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6723, 51.4843, 56.1401** is the 20% darker color. If you saturate the color by 10%, you get **77.1594, 87.7847, 95.6916**, and if you desaturate by 10%, it is **92.3040, 95.3962, 105.2466**.

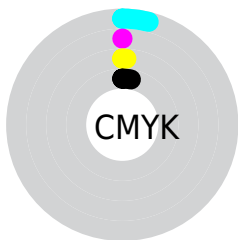
Distribution



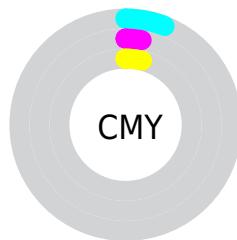
- Red (94%)
- Green (97%)
- Blue (96%)



- Red (94%)
- Yellow (96%)
- Blue (97%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



- Cyan (6%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.7986, 92.1393, 100.4514 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 85.7986, 92.1393, 100.4514 by changing the saturation by 10% instead.

85.7986, 92.1393,
100.4514

85.7986, 92.1393,
100.4514

502.7108,
534.9656, 582.8980

64.8262, 69.7563,
76.0586

140.3967,
150.3064, 163.8347

47.5843, 51.3279,
55.9736

174.7530,
186.8594, 203.6622

33.7077, 36.4696,
39.7779

214.3014,
228.9045, 249.4717

22.8310, 24.7971,
27.0530

259.4071,
276.8261, 301.6817

14.5887, 15.9260,
17.3802

310.4356,
331.0086, 360.7108

8.6157, 9.4718,
10.3411

367.7521,

4.5465, 5.0502,

391.8365, 426.9776

5.5172

431.7221,
459.6940, 500.9004

■ 2.0157, 2.2767,
2.4898

■ 0.6428, 0.7614,
0.8347

■ 85.7986, 92.1393,
100.4514

■ 85.7986, 92.1393,
100.4514

■ 77.1594, 87.7847,
95.6916

■ 92.3040, 95.3962,
105.2466

■ 69.6450, 84.0044,
91.1128

■ 92.8591, 95.6182,
108.1697

■ 63.2080, 80.7767,
86.7137

■ 57.7948, 78.0740,
82.4905

■ 53.3471, 75.8662,
78.4393

■ 49.8005, 74.1201,
74.5559

■ 47.0827, 72.7986,
70.8359

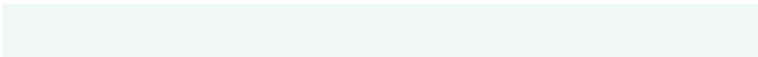
■ 45.1100, 71.8584,
67.2739

■ 43.7803, 71.2470,
63.8640

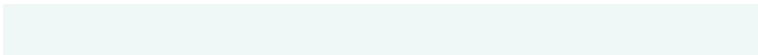
Harmonies

Analogous

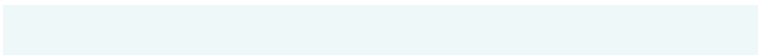
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0133, 92.1393, 97.8921



85.7986, 92.1393, 100.4514



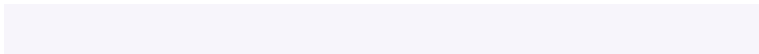
86.0572, 92.1393, 103.0202

Triad

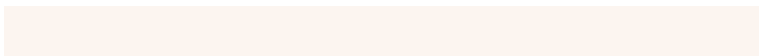
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7986, 92.1393, 100.4514



88.5121, 92.1393, 104.7619



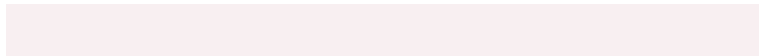
88.4345, 92.1393, 95.8897

Complementary

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



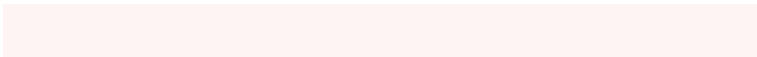
85.7986, 92.1393, 100.4514



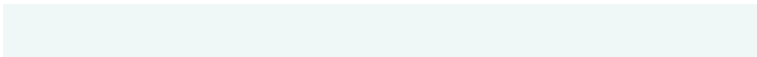
85.4585, 88.0429, 95.7134

Split Complementary

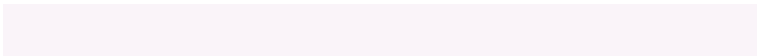
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.1118, 92.1393, 97.6754



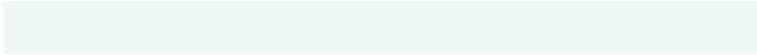
85.7986, 92.1393, 100.4514



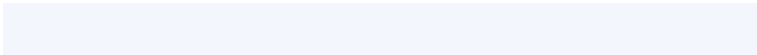
89.1568, 92.1393, 102.7959

Square

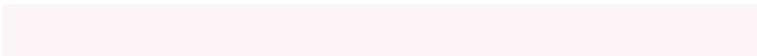
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7986, 92.1393, 100.4514



87.6201, 92.1393, 105.5359



89.3771, 92.1393, 100.1968



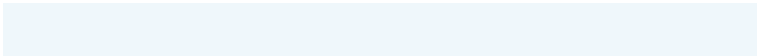
87.5312, 92.1393, 95.2867

Rectangle

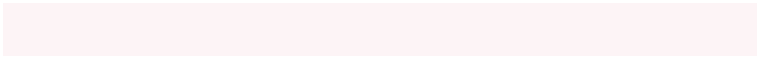
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



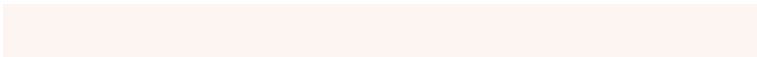
85.7986, 92.1393, 100.4514



86.4644, 92.1393, 104.3848



89.3771, 92.1393, 100.1968



88.6964, 92.1393, 96.3700

Sweetspot

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



85.8012, 92.1432, 100.4534



94.0268, 99.4831, 108.3759



85.4601, 92.0892, 94.9337



20.1364, 21.2989, 23.2024



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.



85.8012, 92.1432, 100.4534



91.0331, 97.9712, 106.8155



85.3770, 90.8000, 101.8378



18.5046, 19.9996, 21.8081



23.3764, 38.3635, 33.6549



2.2043, 3.5688, 3.3237

Inverse Universe

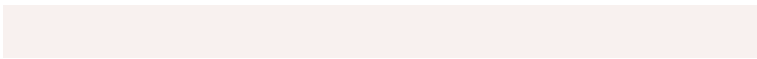
The Inverse Universe completely reimagines the original color for something new.



85.4585, 88.0429, 95.7134



90.6313, 93.1636, 101.2580



85.8684, 89.3390, 94.3813



18.4074, 18.8375, 20.4647



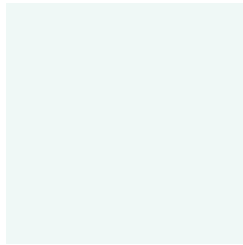
21.3298, 10.9476, 3.1790



2.0135, 1.0291, 0.4946

Previews

White Background



This preview shows how the XYZ color 85.7986, 92.1393, 100.4514 looks on a white background.

Color Contrast Check

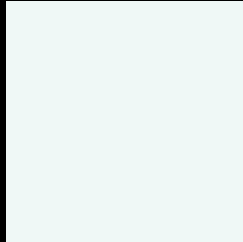
Large Text (above 18pt) WCAG AA × Fail

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 85.7986, 92.1393, 100.4514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

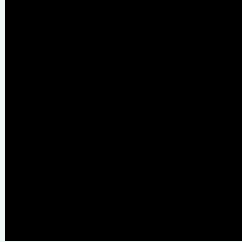
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

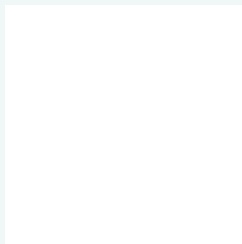
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.7986, 92.1393, 100.4514

Background



This preview shows how black text looks on a background with the XYZ color 85.7986, 92.1393, 100.4514.



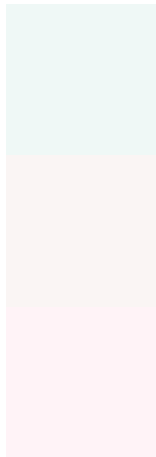
This preview shows how white text looks on a background with the XYZ color 85.7986, 92.1393,

100.4514.

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

85.7986, 92.1393, 100.4514

Protanopia

88.4059, 92.1605, 98.7172

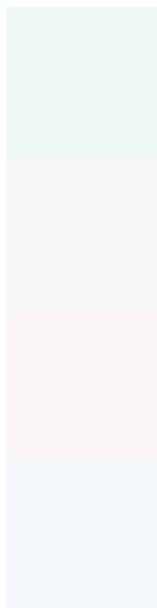
Deuteranopia

90.0791, 92.0766, 101.0206

Tritanopia

88.3140, 92.3646, 107.7813

Trichromacy



Original Color

85.7986, 92.1393, 100.4514

Protanomaly

87.4432, 92.0969, 99.5539

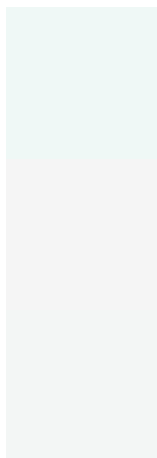
Deuteranomaly

88.5078, 92.1600, 101.1195

Tritanomaly

87.4494, 92.4270, 105.3266

Monochromacy



Original Color

85.7986, 92.1393, 100.4514

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.3993, 91.5588, 99.5051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7986, 92.1393, 100.4514 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, 248, 246) looks like.

```
.text, #text, p{  
    color:rgb(239, 248, 246)  
}
```

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, 248, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 248, 246) }
```

Border

The CSS property to change the border of an element to XYZ 85.7986, 92.1393, 100.4514 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, 248, 246) }
```


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

```
.border{ border-color:rgb(239, 248, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 248, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 248, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 248, 246);  
box-shadow:4px 4px 4px 4px rgb(239, 248,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7986, 92.1393, 100.4514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 248, 246) }
```

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

```
.background{ background-color: rgb(239,  
248, 246) }
```

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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