

Converting Colors

XYZ(80.6999, 86.0245, 96.5524)

Have a look what the booklet for
XYZ(80.6999, 86.0245, 96.5524)
contains.

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Color

**XYZ(80.7914, 86.0546,
96.3564)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F0F2
RGB	233, 240, 242
RGB Percent	91%, 94%, 95%
CMY	0.0863, 0.0588, 0.0510
CMYK	0.04, 0.01, 0.00, 0.05
HSL	193°, 26%, 93%
HSV	193°, 4%, 95%
XYZ	80.7914, 86.0546, 96.3564
YIQ	238.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

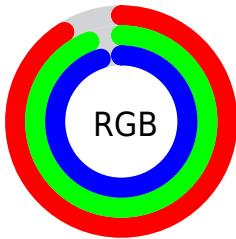
Format	Color
R _Y B	233, 237, 242
Decimal	15331570
CIE Lab	94.34, -1.95, -1.78
CIE LCh	94, 2.640, 222.450
Yxy	86.0546, 0.3070, 0.3270
Android (android.graphics.Color)	4293521650 (0xFFE9F0F2)
YUV	238.1350, 1.9054, -4.5034
Hunter-Lab	92.7656, -6.8807, 3.3509

Details

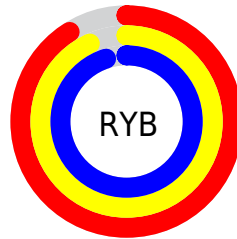
The XYZ color **80.7914, 86.0546, 96.3564** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.0345, 84.1764, 89.0689**, and the grayscale version is **81.3630, 85.6002, 93.2187**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1349, 47.1733, 53.2336** is the 20% darker color. If you saturate the color by 10%, you get **71.8704, 79.1468, 95.4946**, and if you desaturate by 10%, it is **90.0327, 93.2017, 97.2502**.

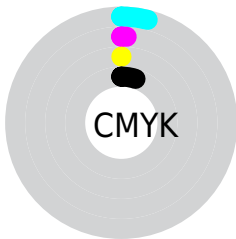
Distribution



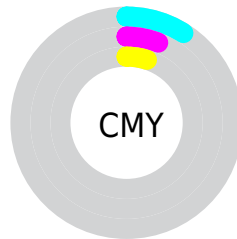
- Red (91%)
- Green (94%)
- Blue (95%)



- Red (91%)
- Yellow (93%)
- Blue (95%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.7914, 86.0546, 96.3564 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 80.7914, 86.0546, 96.3564 by changing the saturation by 10% instead.

80.7914, 86.0546,
96.3564

80.7914, 86.0546,
96.3564

486.2919,
515.1112, 569.5932

60.6805, 64.7131,
72.6613

133.4225,
141.8457, 158.1489

44.2189, 47.2285,
53.2089

166.6735,
177.0641, 197.0833

31.0413, 33.2163,
37.5807

205.0351,
217.6769, 241.9346

20.7823, 22.2922,
25.3581

248.8729,
264.0685, 293.1214

13.0765, 14.0718,
16.1226

298.5521,
316.6234, 351.0620

7.5586, 8.1706,
9.4557

354.4381,

3.8633, 4.2043,

375.7259, 416.1752

4.9387

416.8963,
441.7603, 488.8794

■ 1.6251, 1.7885,
2.1532

■ 0.4087, 0.4800,
0.6472

■ 80.7914, 86.0546,
96.3564

■ 80.7914, 86.0546,
96.3564

■ 71.8704, 79.1468,
95.4946

■ 90.0327, 93.2017,
97.2502

■ 64.0330, 72.8640,
94.6949

■ 91.6835, 96.5034,
97.8004

■ 57.2343, 67.1849,
93.9571

■ 93.0273, 99.1909,
98.2484

■ 51.4237, 62.0828,
93.2785

■ 46.5459, 57.5285,
92.6566

■ 42.5400, 53.4901,
92.0882

■ 39.3378, 49.9317,
91.5701

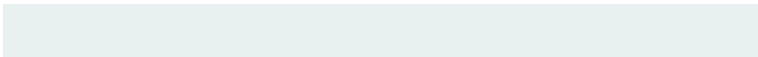
■ 36.8601, 46.8119,
91.0985

■ 35.0107, 44.0805,
90.6688

Harmonies

Analogous

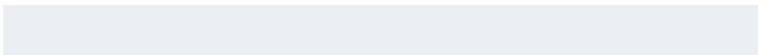
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4695, 86.0546, 94.5423



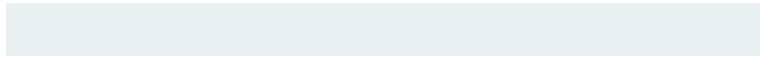
80.7914, 86.0546, 96.3564



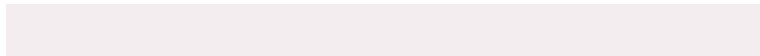
81.3823, 86.0546, 97.4675

Triad

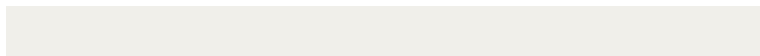
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7914, 86.0546, 96.3564



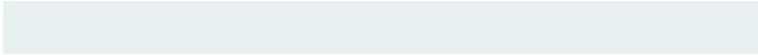
83.0979, 86.0546, 94.8800



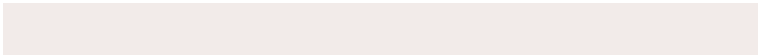
81.4990, 86.0546, 89.9411

Complementary

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



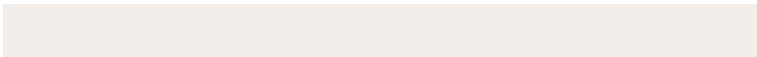
80.7914, 86.0546, 96.3564



81.0345, 84.1764, 89.0689

Split Complementary

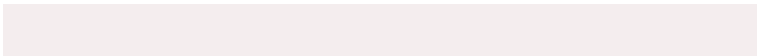
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.2037, 86.0546, 90.0286



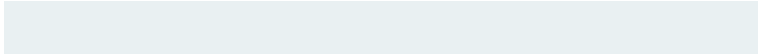
80.7914, 86.0546, 96.3564



83.1296, 86.0546, 92.8604

Square

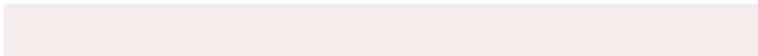
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



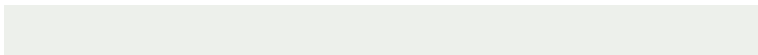
80.7914, 86.0546, 96.3564



82.7151, 86.0546, 96.6067



82.8015, 86.0546, 91.0906



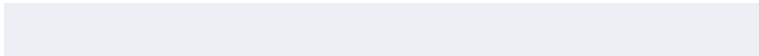
80.8764, 86.0546, 90.8499

Rectangle

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



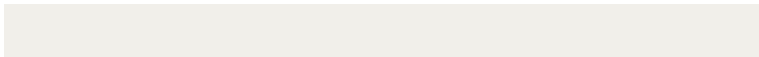
80.7914, 86.0546, 96.3564



81.8505, 86.0546, 97.6504



82.8015, 86.0546, 91.0906



81.7341, 86.0546, 89.8553

Sweetspot

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



80.7939, 86.0583, 96.3583



93.9379, 99.1592, 108.7963



80.3460, 86.8246, 91.0849



20.1183, 21.2330, 23.2880



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.



80.7939, 86.0583, 96.3583



90.6790, 96.6815, 108.4899



79.4987, 83.4680, 95.9266



16.8419, 18.0002, 20.3083



18.4139, 23.0521, 48.6069



1.6042, 2.0624, 4.0678

Inverse Universe

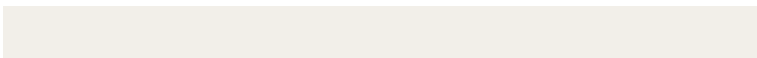
The Inverse Universe completely reimagines the original color for something new.



81.4870, 83.4480, 94.2546



91.5198, 93.5190, 105.9369



82.3257, 86.7587, 89.4993



17.0273, 17.3053, 19.7451



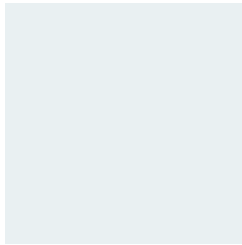
24.6201, 12.1205, 26.9798



2.0847, 1.0229, 2.4368

Previews

White Background



This preview shows how the XYZ color 80.7914, 86.0546, 96.3564 looks on a white background.

Color Contrast Check

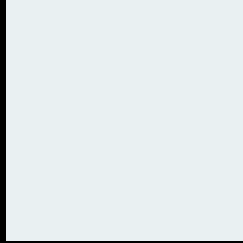
Large Text (above 18pt) WCAG AA × Fail

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 80.7914, 86.0546, 96.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

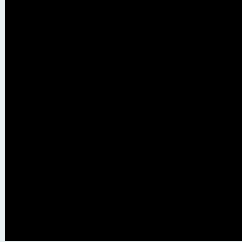
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

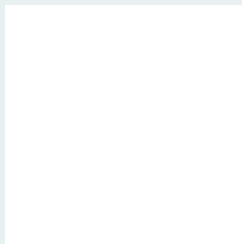
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.7914, 86.0546, 96.3564

Background



This preview shows how black text looks on a background with the XYZ color 80.7914, 86.0546, 96.3564.



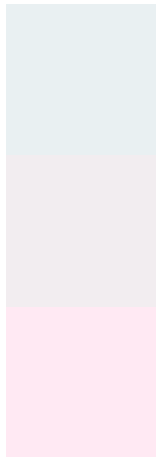
This preview shows how white text looks on a background with the XYZ color 80.7914, 86.0546,

96.3564.

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

80.7914, 86.0546, 96.3564

Protanopia

82.6303, 85.7369, 94.6319

Deuteranopia

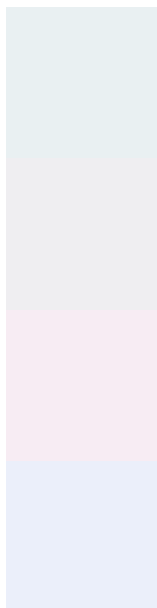
86.5566, 86.0089, 96.8334



Tritanopia

83.2166, 86.2019, 106.8604

Trichromacy



Original Color

80.7914, 86.0546, 96.3564

Protanomaly

82.0483, 85.8507, 95.4655

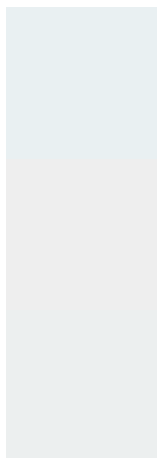
Deuteranomaly

84.5309, 86.2361, 96.9840

Tritanomaly

82.3828, 86.2973, 102.7575

Monochromacy



Original Color

80.7914, 86.0546, 96.3564

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.0386, 85.7979, 93.9508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7914, 86.0546, 96.3564 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(233, 240, 242) looks like.

```
.text, #text, p{  
    color:rgb(233, 240, 242)  
}
```

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(233, 240, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 240, 242) }
```

Border

The CSS property to change the border of an element to XYZ 80.7914, 86.0546, 96.3564 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(233, 240, 242) }
```


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

```
.border{ border-color:rgb(233, 240, 242) }
```

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

Here you see how a box with a 4 pixel rgb(233, 240, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 240, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 240, 242);  
box-shadow:4px 4px 4px 4px rgb(233, 240,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7914, 86.0546, 96.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 240, 242) }
```

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

```
.background{ background-color: rgb(233,  
240, 242) }
```

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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