

Converting Colors

XYZ(80.1491, 86.3514, 96.0310)

Have a look what the booklet for
XYZ(80.1491, 86.3514, 96.0310)
contains.

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Color

**XYZ(79.9656, 86.0845,
95.6204)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F1F1
RGB	230, 241, 241
RGB Percent	90%, 95%, 95%
CMY	0.0980, 0.0549, 0.0549
CMYK	0.05, 0.00, 0.00, 0.05
HSL	180°, 28%, 92%
HSV	180°, 5%, 95%
XYZ	79.9656, 86.0845, 95.6204
YIQ	237.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

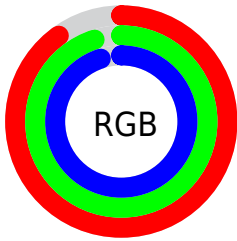
Format	Color
R _{YB}	230, 236, 241
Decimal	15135217
CIE Lab	94.35, -3.62, -1.27
CIE LCh	94, 3.838, 199.316
Yxy	86.0845, 0.3056, 0.3290
Android (android.graphics.Color)	4293325297 (0xFFE6F1F1)
YUV	237.7110, 1.6215, -6.7625
Hunter-Lab	92.7817, -8.5246, 3.8432

Details

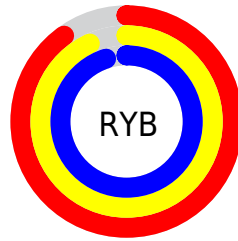
The XYZ color **79.9656, 86.0845, 95.6204** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.8585, 81.0098, 86.3472**, and the grayscale version is **81.0382, 85.2585, 92.8465**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5615, 47.1994, 52.7134** is the 20% darker color. If you saturate the color by 10%, you get **72.7592, 82.3720, 95.2782**, and if you desaturate by 10%, it is **88.2462, 90.3555, 96.0165**.

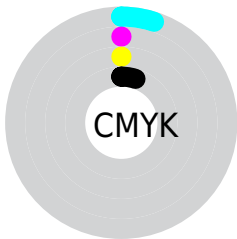
Distribution



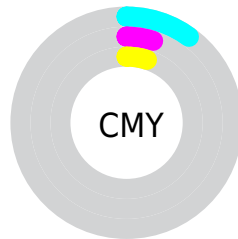
- Red (90%)
- Green (95%)
- Blue (95%)



- Red (90%)
- Yellow (93%)
- Blue (95%)



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



- Cyan (10%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9656, 86.0845, 95.6204 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 79.9656, 86.0845, 95.6204 by changing the saturation by 10% instead.

■ 79.9656, 86.0845,
95.6204

■ 79.9656, 86.0845,
95.6204

483.5552,
515.2098, 567.1842

■ 59.9984, 64.7379,
72.0517

132.2681,
141.8874, 157.1244

■ 43.6668, 47.2485,
52.7138

165.3342,
177.1124, 195.8967

■ 30.6054, 33.2322,
37.1882

203.4973,
217.7324, 240.5741

■ 20.4489, 22.3044,
25.0563

247.1227,
264.1317, 291.5749

■ 12.8320, 14.0807,
15.8996

296.5759,
316.6947, 349.3178

■ 7.3891, 8.1768,
9.2996

352.2221,

■ 3.7551, 4.2083,

375.8057, 414.2213

4.8376

414.4268,
441.8493, 486.7039

■ 1.5645, 1.7908,
2.0952

■ 0.3691, 0.4814,
0.6129

■ 79.9656, 86.0845,
95.6204

■ 79.9656, 86.0845,
95.6204

■ 72.7592, 82.3720,
95.2782

■ 88.2462, 90.3555,
96.0165

■ 66.5761, 79.1847,
94.9821


■ 88.5770, 90.5259,
96.0387


■ 61.3721, 76.5020,
94.7318


■ 88.5783, 90.5264,
96.0455


■ 57.0970, 74.2983,
94.5249


■ 88.5796, 90.5270,
96.0523


 53.6961, 72.5452,
94.3590


 88.5809, 90.5275,
96.0591


 51.1092, 71.2118,
94.2312


 88.5822, 90.5280,
96.0660


 49.2682, 70.2628,
94.1383

 88.5834, 90.5285,
96.0728

 48.0941, 69.6577,
94.0766

 88.5847, 90.5290,
96.0796

 47.4902, 69.3465,
94.0416

 88.5860, 90.5295,
96.0864

Harmonies

Analogous

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



79.8896, 86.0845, 92.6836



79.9656, 86.0845, 95.6204



80.5362, 86.0845, 98.0994

Triad

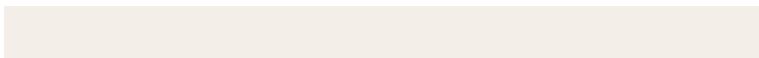
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9656, 86.0845, 95.6204



83.3320, 86.0845, 97.4784



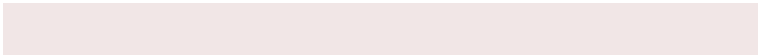
82.1885, 86.0845, 88.2666

Complementary

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



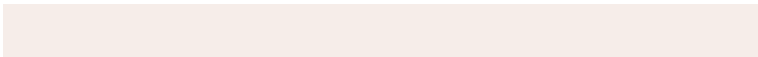
79.9656, 86.0845, 95.6204



78.8585, 81.0098, 86.3472

Split Complementary

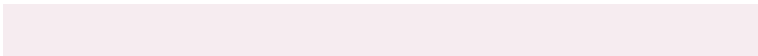
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1188, 86.0845, 89.4950



79.9656, 86.0845, 95.6204



83.7827, 86.0845, 94.7871

Square

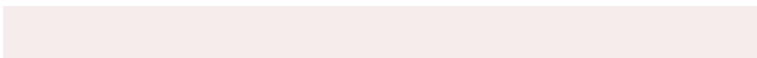
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9656, 86.0845, 95.6204



82.4777, 86.0845, 99.1876



83.7043, 86.0845, 91.8674



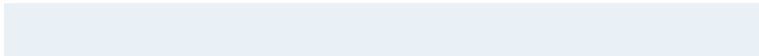
81.1673, 86.0845, 88.4790

Rectangle

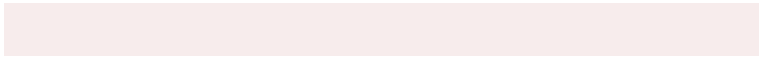
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



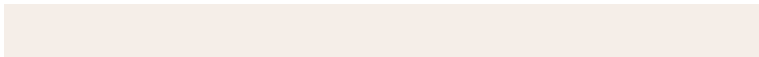
79.9656, 86.0845, 95.6204



81.1231, 86.0845, 99.1395



83.7043, 86.0845, 91.8674



82.5224, 86.0845, 88.5236

Sweetspot

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



79.9681, 86.0882, 95.6223



94.1179, 99.5195, 108.8556



78.4327, 85.4808, 87.2297



20.1549, 21.3063, 23.3000



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

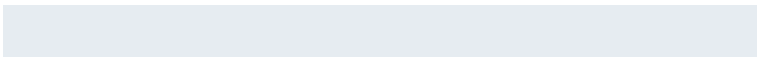
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9681, 86.0882, 95.6223



90.5131, 97.6612, 108.6838



78.4171, 82.9853, 95.1082



16.8456, 18.2374, 20.3531



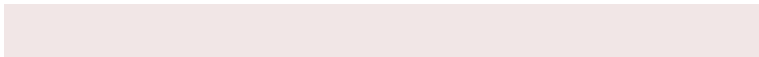
25.6605, 37.5562, 50.9884



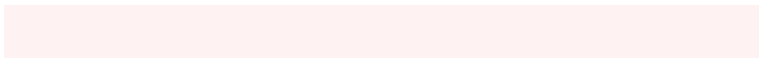
2.1348, 3.1244, 4.2422

Inverse Universe

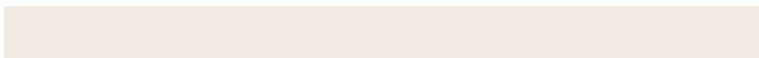
The Inverse Universe completely reimagines the original color for something new.



78.8585, 81.0098, 86.3472



89.1319, 91.3393, 97.1375



80.3608, 84.0152, 86.8452



16.5537, 16.9013, 17.9129



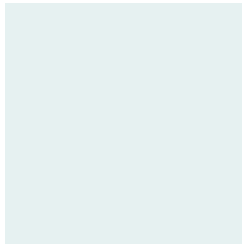
19.6718, 10.1412, 0.9225



1.6366, 0.8437, 0.0772

Previews

White Background



This preview shows how the XYZ color 79.9656, 86.0845, 95.6204 looks on a white background.

Color Contrast Check

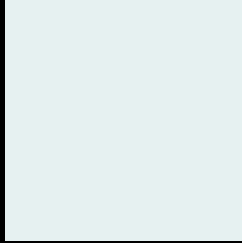
Large Text (above 18pt) WCAG AA × Fail

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 79.9656, 86.0845, 95.6204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

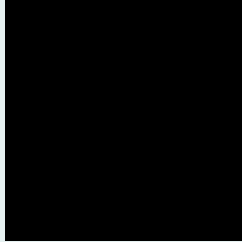
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

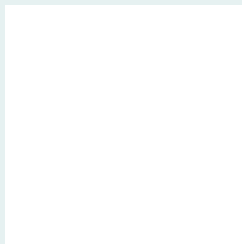
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.9656, 86.0845, 95.6204

Background



This preview shows how black text looks on a background with the XYZ color 79.9656, 86.0845, 95.6204.



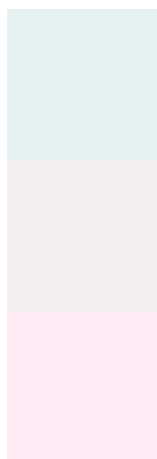
This preview shows how white text looks on a background with the XYZ color 79.9656, 86.0845,

95.6204.

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

79.9656, 86.0845, 95.6204

Protanopia

82.4821, 85.6776, 93.8515

Deuteranopia

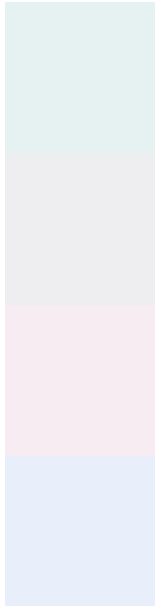
86.4059, 85.9486, 96.0401



Tritanopia

82.2288, 85.6927, 106.8142

Trichromacy



Original Color

79.9656, 86.0845, 95.6204

Protanomaly

81.5626, 85.6175, 94.6651

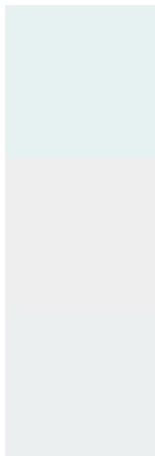
Deuteranomaly

84.0285, 85.9945, 96.1742

Tritanomaly

81.4005, 85.7909, 102.7115

Monochromacy



Original Color

79.9656, 86.0845, 95.6204

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.7074, 85.6272, 93.9353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9656, 86.0845, 95.6204 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(230, 241, 241) looks like.

```
.text, #text, p{  
    color:rgb(230, 241, 241)  
}
```

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(230, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 241, 241) }
```

Border

The CSS property to change the border of an element to XYZ 79.9656, 86.0845, 95.6204 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(230, 241, 241) }
```


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

```
.border{ border-color:rgb(230, 241, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 241, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(230, 241,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9656, 86.0845, 95.6204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 241, 241) }
```

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

```
.background{ background-color: rgb(230,  
241, 241) }
```

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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