

Converting Colors

XYZ(79.9047, 85.6999, 91.6872)

Have a look what the booklet for
XYZ(79.9047, 85.6999, 91.6872)
contains.

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Color

**XYZ(79.9047, 85.6999,
91.6872)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F0EC
RGB	233, 240, 236
RGB Percent	91%, 94%, 93%
CMY	0.0863, 0.0588, 0.0745
CMYK	0.03, 0.00, 0.02, 0.06
HSL	146°, 19%, 93%
HSV	146°, 3%, 94%
XYZ	79.9047, 85.6999, 91.6872
YIQ	237.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

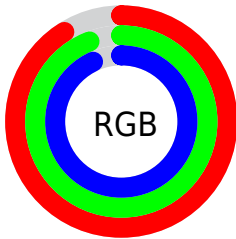
Format	Color
RYB	233, 238, 240
Decimal	15331564
CIELab	94.18, -3.03, 1.11
CIELCh	94, 3.229, 159.905
Yxy	85.6999, 0.3106, 0.3331
Android (android.graphics.Color)	4293521644 (0xFFE9F0EC)
YUV	237.4510, -0.7153, -3.9035
Hunter-Lab	92.5742, -7.9341, 6.0801

Details

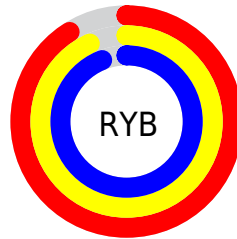
The XYZ color **79.9047, 85.6999, 91.6872** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.3633, 82.9198, 91.8945**, and the grayscale version is **80.8528, 85.0635, 92.6341**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5102, 46.9234, 49.9439** is the 20% darker color. If you saturate the color by 10%, you get **70.6791, 81.1679, 81.2470**, and if you desaturate by 10%, it is **89.6134, 90.4681, 102.9530**.

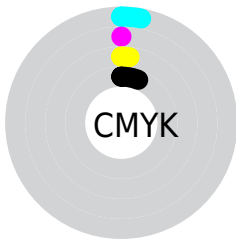
Distribution



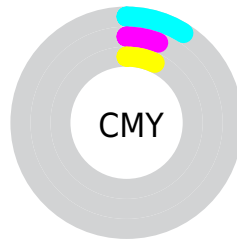
- Red (91%)
- Green (94%)
- Blue (93%)



- Red (91%)
- Yellow (93%)
- Blue (94%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9047, 85.6999, 91.6872 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 79.9047, 85.6999, 91.6872 by changing the saturation by 10% instead.

■ 79.9047, 85.6999,
91.6872

■ 79.9047, 85.6999,
91.6872

483.3530,
513.9412, 554.2152

■ 59.9481, 64.4198,
68.7993

132.1830,
141.3506, 151.6357

■ 43.6261, 46.9908,
50.0775

165.2354,
176.4901, 189.5334

■ 30.5733, 33.0284,
35.1034

203.3838,
217.0182, 233.2714

■ 20.4244, 22.1482,
23.4583

246.9935,
263.3192, 283.2682

■ 12.8140, 13.9658,
14.7238

296.4300,
315.7776, 339.9425

■ 7.3767, 8.0969,
8.4813

352.0584,

■ 3.7472, 4.1570,

374.7778, 403.7127

4.3123

414.2444,
440.7042, 474.9974

■ 1.5601, 1.7618,
1.7982

■ 0.3662, 0.4632,
0.4268

■ 79.9047, 85.6999,
91.6872

■ 79.9047, 85.6999,
91.6872

■ 70.6791, 81.1679,
81.2470

■ 89.6134, 90.4681,
102.9530

■ 62.6238, 77.2195,
71.6414

■ 90.4517, 90.8034,
107.3672

■ 55.6920, 73.8334,
62.8516

■ 49.8311, 70.9829,
54.8558

■ 44.9838, 68.6389,
47.6315

■ 41.0875, 66.7696,
41.1548

■ 38.0722, 65.3394,
35.4007

■ 35.8575, 64.3073,
30.3426

■ 34.3465, 63.6240,
25.9518

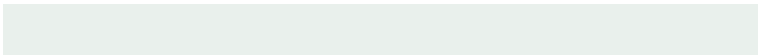
Harmonies

Analogous

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



80.3939, 85.6999, 89.7096



79.9047, 85.6999, 91.6872



79.8293, 85.6999, 94.1336

Triad

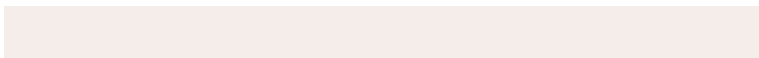
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9047, 85.6999, 91.6872



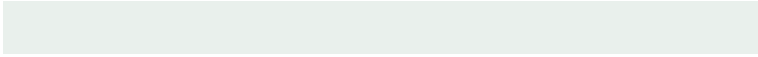
81.7413, 85.6999, 98.0793



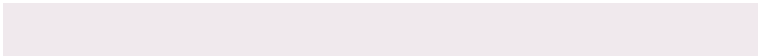
82.7365, 85.6999, 90.2930

Complementary

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



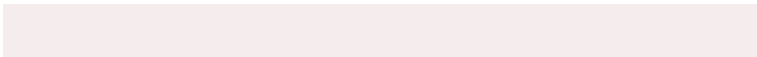
79.9047, 85.6999, 91.6872



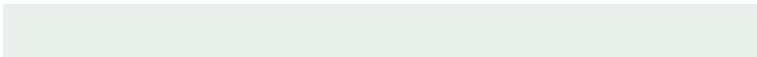
80.3633, 82.9198, 91.8945

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.



83.1030, 85.6999, 92.4965



79.9047, 85.6999, 91.6872



82.5258, 85.6999, 97.0108

Square

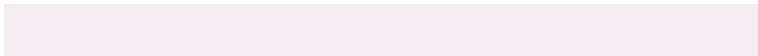
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9047, 85.6999, 91.6872



80.8856, 85.6999, 97.8533



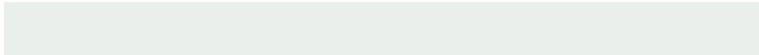
83.0256, 85.6999, 94.9571



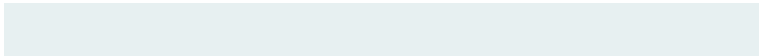
82.0274, 85.6999, 88.9146

Rectangle

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



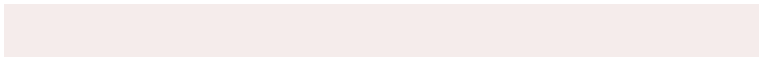
79.9047, 85.6999, 91.6872



80.0233, 85.6999, 95.7053



83.0256, 85.6999, 94.9571



82.9040, 85.6999, 90.9602

Sweetspot

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



79.9071, 85.7036, 91.6891



93.8842, 99.4260, 107.6250



80.8241, 86.2262, 89.4756



20.1074, 21.2873, 23.0496



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

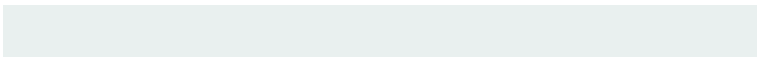
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9071, 85.7036, 91.6891



90.4717, 97.7466, 103.8595



80.4089, 85.9043, 94.3317



16.7965, 18.2356, 19.2873



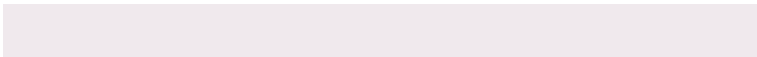
18.4558, 34.6743, 13.0492



1.5842, 2.9041, 1.3428

Inverse Universe

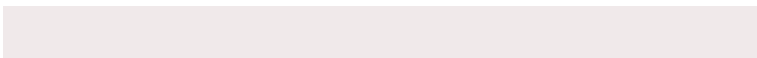
The Inverse Universe completely reimagines the original color for something new.



80.3633, 82.9198, 91.8945



91.1864, 93.3856, 104.1813



79.8682, 82.7218, 89.2874



16.9538, 17.2759, 19.3581



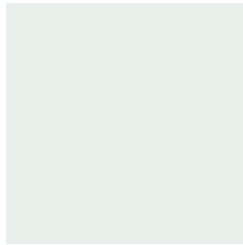
22.2191, 11.1601, 14.3361



1.8981, 0.9483, 1.4545

Previews

White Background



This preview shows how the XYZ color 79.9047, 85.6999, 91.6872 looks on a white background.

Color Contrast Check

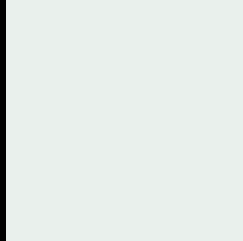
Large Text (above 18pt) WCAG AA × Fail

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 79.9047, 85.6999, 91.6872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

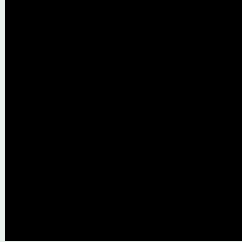
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

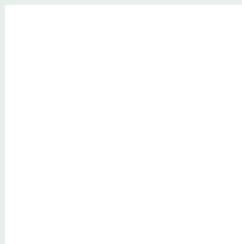
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.9047, 85.6999, 91.6872

Background



This preview shows how black text looks on a background with the XYZ color 79.9047, 85.6999, 91.6872.



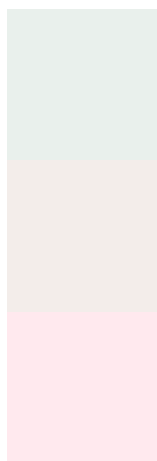
This preview shows how white text looks on a background with the XYZ color 79.9047, 85.6999,

91.6872.

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

79.9047, 85.6999, 91.6872

Protanopia

82.0976, 85.5636, 90.0303

Deuteranopia

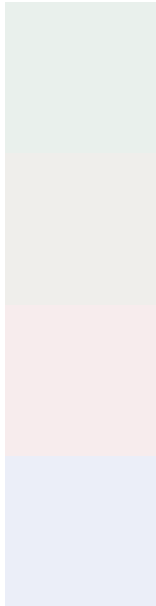
85.8115, 85.7109, 92.9100



Tritanopia

82.9263, 85.6212, 106.7636

Trichromacy



Original Color

79.9047, 85.6999, 91.6872

Protanomaly

81.1665, 85.4980, 90.8221

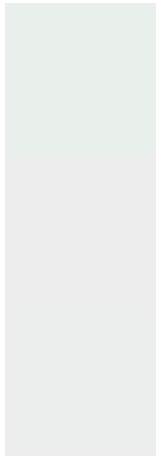
Deuteranomaly

83.6393, 85.8795, 92.2889

Tritanomaly

81.7788, 85.5885, 101.0170

Monochromacy



Original Color

79.9047, 85.6999, 91.6872

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.4527, 85.0964, 92.3057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9047, 85.6999, 91.6872 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, 236) looks like.

```
.text, #text, p{  
    color:rgb(233, 240, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 240, 236) }
```

Border

The CSS property to change the border of an element to XYZ 79.9047, 85.6999, 91.6872 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, 236) }
```


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

```
.border{ border-color:rgb(233, 240, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 240, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 240, 236);  
box-shadow:4px 4px 4px 4px rgb(233, 240,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9047, 85.6999, 91.6872 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, 236) }
```

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

```
.background{ background-color: rgb(233,  
240, 236) }
```

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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