

Converting Colors

XYZ(78.8769, 87.4327, 63.5816)

Have a look what the booklet for
XYZ(78.8769, 87.4327, 63.5816)
contains.

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Color

**XYZ(79.0504, 87.6511,
63.7909)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F4C2
RGB	243, 244, 194
RGB Percent	95%, 96%, 76%
CMY	0.0471, 0.0431, 0.2392
CMYK	0.00, 0.00, 0.20, 0.04
HSL	61°, 69%, 86%
HSV	61°, 20%, 96%
XYZ	79.0504, 87.6511, 63.7909
YIQ	238.0010, 15.4540, -15.7620

Conversions

Conversions Part 2

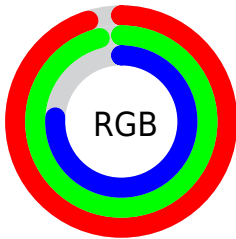
Format	Color
RYB	194, 244, 195
Decimal	15987906
CIELab	95.01, -8.30, 24.05
CIElCh	95, 25.443, 109.035
Yxy	87.6511, 0.3430, 0.3803
Android (android.graphics.Color)	4294177986 (0xFFFF3F4C2)
YUV	238.0010, -21.6925, 4.3841
Hunter-Lab	93.6222, -13.1213, 25.1374

Details

The XYZ color **79.0504, 87.6511, 63.7909** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.1300, 56.7197, 93.4771**, and the grayscale version is **81.4250, 85.6655, 93.2897**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **42.9665, 48.2990, 31.8690** is the 20% darker color. If you saturate the color by 10%, you get **76.3637, 86.5599, 50.5158**, and if you desaturate by 10%, it is **82.1921, 88.9304, 79.4396**.

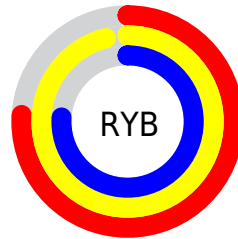
Distribution



Red (95%)

Green (96%)

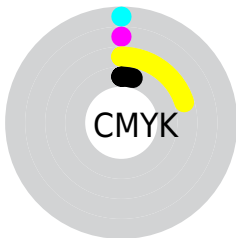
Blue (76%)



Red (76%)

Yellow (96%)

Blue (76%)

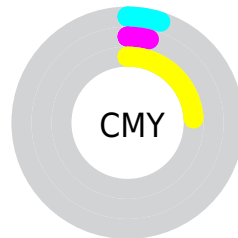


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (4%)



Cyan (5%)

Magenta (4%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0504, 87.6511, 63.7909 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 79.0504, 87.6511, 63.7909 by changing the saturation by 10% instead.

79.0504, 87.6511,
63.7909

79.0504, 87.6511,
63.7909

480.5122,
520.3600, 456.6209

59.2430, 66.0342,
46.0362

130.9874,
144.0713, 111.9063

43.0559, 48.3001,
31.9255

163.8477,
179.6434, 143.1041

30.1237, 34.0646,
21.0403

201.7896,
220.6359, 179.6201

20.0810, 22.9433,
12.9619

245.1787,
267.4334, 221.8727

12.5626, 14.5516,
7.2719

294.3801,
320.4201, 270.2806

7.2029, 8.5053,
3.5517

349.7592,

3.6368, 4.4199,

379.9805, 325.2622

1.3828

411.6815,
446.4990, 387.2361

■ 1.4988, 1.9111,
0.1282

■ 0.3250, 0.5551,
0.0000

■ 79.0504, 87.6511,
63.7909

■ 79.0504, 87.6511,
63.7909

■ 76.3637, 86.5599,
50.5158

■ 82.1921, 88.9304,
79.4396

■ 74.1033, 85.6362,
39.4931

■ 85.8025, 90.3942,
97.5639

■ 72.2477, 84.8745,
30.5996

■ 87.8750, 91.2429,
107.5879

■ 70.7707, 84.2643,
23.6977

■ 88.0460, 91.3310,
107.5959

69.6432, 83.7940,
18.6340

88.2174, 91.4194,
107.6039

68.8319, 83.4502,
15.2327

88.3893, 91.5080,
107.6119

68.2969, 83.2170,
13.2839

88.5617, 91.5968,
107.6200

67.9824, 83.0730,
12.4516

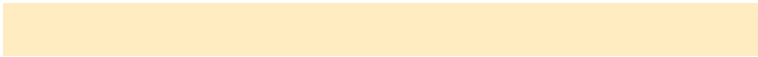
88.7344, 91.6859,
107.6281

88.9077, 91.7752,
107.6362

Harmonies

Analogous

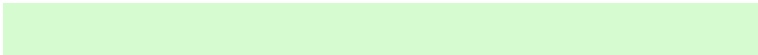
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8632, 87.6511, 62.7371



79.0504, 87.6511, 63.7909



73.6726, 87.6511, 72.5969

Triad

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



79.0504, 87.6511, 63.7909



74.8976, 87.6511, 127.1567



97.0490, 87.6511, 102.8612

Complementary

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



79.0504, 87.6511, 63.7909



58.1300, 56.7197, 93.4771

Split Complementary

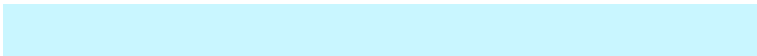
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.7526, 87.6511, 122.6263



79.0504, 87.6511, 63.7909



80.8074, 87.6511, 137.8892

Square

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



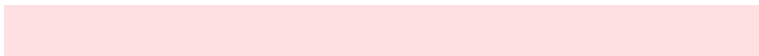
79.0504, 87.6511, 63.7909



71.3682, 87.6511, 108.3955



87.7194, 87.6511, 136.1253



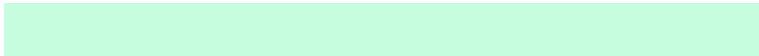
96.5142, 87.6511, 83.5551

Rectangle

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



79.0504, 87.6511, 63.7909



71.5064, 87.6511, 82.4569



87.7194, 87.6511, 136.1253



96.3453, 87.6511, 109.7127

Sweetspot

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



79.0527, 87.6550, 63.7928



92.5705, 98.9951, 96.4336



66.5265, 62.0859, 59.5176



19.7586, 21.1666, 20.3634



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.



79.0527, 87.6550, 63.7928



85.9614, 96.3102, 63.4937



71.0549, 83.5320, 63.4185



17.8798, 19.2956, 17.5796



36.9779, 45.1756, 6.7708



3.2603, 3.9758, 0.5956

Inverse Universe

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



58.1300, 56.7197, 93.4771



58.6086, 55.8668, 102.3021



65.0884, 60.3069, 93.8027



15.6120, 15.9426, 20.7970



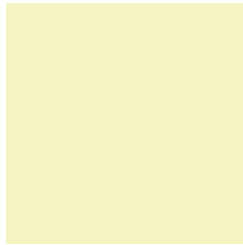
8.9258, 3.5757, 46.7578



0.7951, 0.3198, 4.1100

Previews

White Background



This preview shows how the XYZ color 79.0504, 87.6511, 63.7909 looks on a white background.

Color Contrast Check

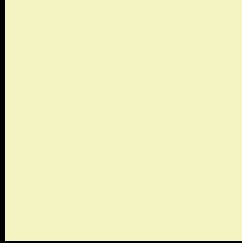
Large Text (above 18pt) WCAG AA × Fail

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 79.0504, 87.6511, 63.7909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

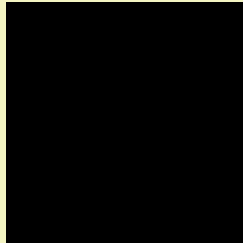
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

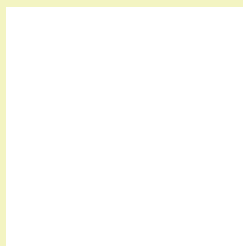
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0504, 87.6511, 63.7909

Background



This preview shows how black text looks on a background with the XYZ color 79.0504, 87.6511, 63.7909.

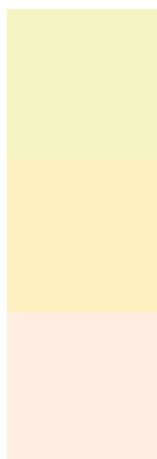


This preview shows how white text looks on a background with the XYZ color 79.0504, 87.6511,

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

79.0504, 87.6511, 63.7909

Protanopia

82.1377, 87.4752, 63.5942

Deuteranopia

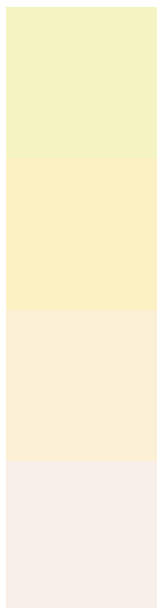
85.2517, 87.3194, 84.3126



Tritanopia

87.6685, 87.6559, 106.0646

Trichromacy



Original Color

79.0504, 87.6511, 63.7909

Protanomaly

80.9766, 87.3149, 63.6245

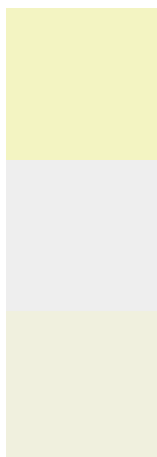
Deuteranomaly

83.0813, 87.6844, 76.1643

Tritanomaly

84.1434, 87.5157, 88.8013

Monochromacy



Original Color

79.0504, 87.6511, 63.7909

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.2801, 86.1194, 81.4987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0504, 87.6511, 63.7909 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(243, 244, 194)` looks like.

```
.text, #text, p{  
    color:rgb(243, 244, 194)  
}
```

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(243, 244, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 244, 194) }
```

Border

The CSS property to change the border of an element to XYZ 79.0504, 87.6511, 63.7909 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(243, 244, 194) }
```


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

```
.border{ border-color:rgb(243, 244, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 244, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 244, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 244, 194);  
box-shadow:4px 4px 4px 4px rgb(243, 244,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0504, 87.6511, 63.7909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 244, 194) }
```

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

```
.background{ background-color: rgb(243,  
244, 194) }
```

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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