

Converting Colors

XYZ(79.2402, 88.2098, 63.3019)

Have a look what the booklet for
XYZ(79.2402, 88.2098, 63.3019)
contains.

XYZ(79.2402, 88.2098, 63.3019)	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(79.2402, 88.2098,
63.3019)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F5C1
RGB	243, 245, 193
RGB Percent	95%, 96%, 76%
CMY	0.0471, 0.0392, 0.2431
CMYK	0.01, 0.00, 0.21, 0.04
HSL	62°, 72%, 86%
HSV	62°, 21%, 96%
XYZ	79.2402, 88.2098, 63.3019
YIQ	238.4740, 15.5000, -16.5960

Conversions

Conversions Part 2

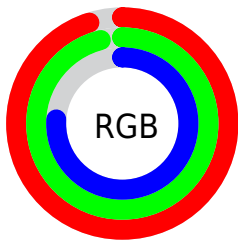
Format	Color
R_{YB}	193, 245, 195
Decimal	15988161
CIE _{Lab}	95.25, -8.94, 24.89
CIE _{LCh}	95, 26.442, 109.753
Yxy	88.2098, 0.3434, 0.3823
Android (android.graphics.Color)	4294178241 (0xFFFF3F5C1)
YUV	238.4740, -22.4187, 3.9693
Hunter-Lab	93.9201, -13.7600, 25.7827

Details

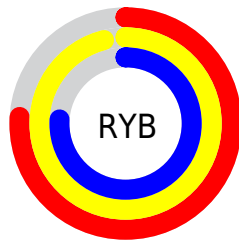
The XYZ color **79.2402, 88.2098, 63.3019** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.0606, 56.3370, 94.2052**, and the grayscale version is **81.7975, 86.0573, 93.7164**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **43.1075, 48.6984, 31.5538** is the 20% darker color. If you saturate the color by 10%, you get **76.4060, 87.0416, 50.0649**, and if you desaturate by 10%, it is **82.5335, 89.5679, 78.9274**.

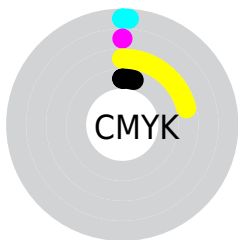
Distribution



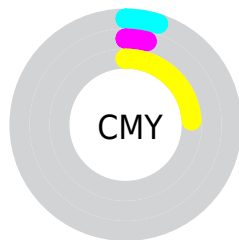
- Red (95%)
- Green (96%)
- Blue (76%)



- Red (76%)
- Yellow (96%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (21%)
- Black (4%)





- Cyan (5%)
- Magenta (4%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2402, 88.2098, 63.3019 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 79.2402, 88.2098, 63.3019 by changing the saturation by 10% instead.


 79.2402, 88.2098,
63.3019

 79.2402, 88.2098,
63.3019


481.1442,
522.1900, 454.8024

 59.3996, 66.4968,
45.6429


 131.2531,
144.8492, 111.1947

 43.1825, 48.6758,
31.6175


164.1562,
180.5444, 142.2656

 30.2235, 34.3624,
20.8071


202.1441,
221.6692, 178.6443

 20.1572, 23.1721,
12.7932

245.5822,
268.6079, 220.7492

 12.6183, 14.7207,
7.1573

294.8359,
321.7450, 268.9989

 7.2414, 8.6236,
3.4807

350.2706,

 3.6612, 4.4965,

381.4647, 323.8120

1.3450

412.2516,
448.1516, 385.6070

■ 1.5123, 1.9550,
0.0983

■ 0.3342, 0.5811,
0.0000

■ 79.2402, 88.2098,
63.3019

■ 79.2402, 88.2098,
63.3019

■ 76.4060, 87.0416,
50.0649

■ 82.5335, 89.5679,
78.9274

■ 74.0018, 86.0425,
39.0935

■ 86.2998, 91.1124,
97.0451

■ 72.0056, 85.2068,
30.2622

■ 88.6526, 92.0917,
107.7107

■ 70.3910, 84.5240,
23.4312

■ 88.9846, 92.2628,
107.7263

69.1282, 83.9820,
18.4440

89.3184, 92.4349,
107.7419

68.1830, 83.5673,
15.1211

89.6538, 92.6078,
107.7576

67.5146, 83.2636,
13.2470

89.9909, 92.7816,
107.7733

67.0993, 83.0657,
12.4968

90.3297, 92.9562,
107.7892

90.6702, 93.1318,
107.8051

Harmonies

Analogous

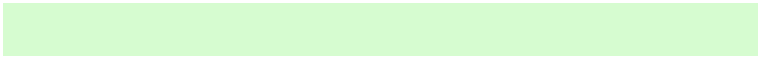
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3324, 88.2098, 62.0204



79.2402, 88.2098, 63.3019



73.6939, 88.2098, 72.5999

Triad

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



79.2402, 88.2098, 63.3019



75.1953, 88.2098, 129.6653



98.2431, 88.2098, 103.2865

Complementary

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



79.2402, 88.2098, 63.3019



58.0606, 56.3370, 94.2052

Split Complementary

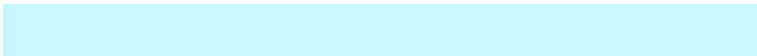
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.8787, 88.2098, 124.0626



79.2402, 88.2098, 63.3019



81.3975, 88.2098, 140.6756

Square

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



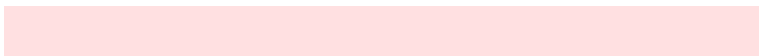
79.2402, 88.2098, 63.3019



71.4530, 88.2098, 110.1049



88.6160, 88.2098, 138.4899



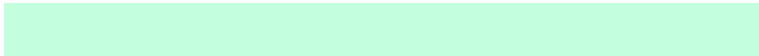
97.5834, 88.2098, 83.2369

Rectangle

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



79.2402, 88.2098, 63.3019



71.4898, 88.2098, 82.9444



88.6160, 88.2098, 138.4899



97.5381, 88.2098, 110.4582

Sweetspot

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



79.2425, 88.2137, 63.3038



92.4669, 98.9417, 96.4287



66.7402, 62.1758, 58.9369



19.7340, 21.1539, 20.3623



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.



79.2425, 88.2137, 63.3038



85.5327, 96.0893, 63.4736



70.9760, 83.9522, 62.9169



17.8478, 19.2791, 17.5781



36.1741, 44.7612, 6.7332



3.1987, 3.9440, 0.5927

Inverse Universe

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



58.0606, 56.3370, 94.2052



58.9088, 56.0216, 102.3162



65.2918, 60.0649, 94.5436



15.6402, 15.9572, 20.7983



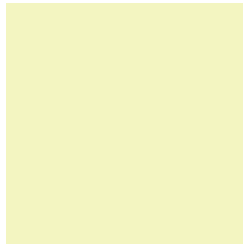
8.9688, 3.5979, 46.7598



0.8087, 0.3267, 4.1107

Previews

White Background



This preview shows how the XYZ color 79.2402, 88.2098, 63.3019 looks on a white background.

Color Contrast Check

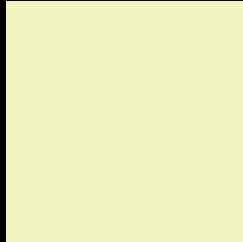
Large Text (above 18pt) WCAG AA × Fail

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 79.2402, 88.2098, 63.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

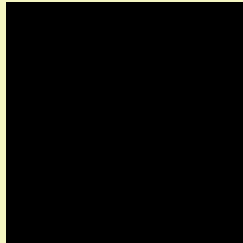
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

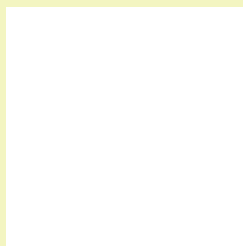
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2402, 88.2098, 63.3019

Background



This preview shows how black text looks on a background with the XYZ color 79.2402, 88.2098, 63.3019.



This preview shows how white text looks on a background with the XYZ color 79.2402, 88.2098,

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

79.2402, 88.2098, 63.3019

Protanopia

82.7733, 88.2018, 65.4854

Deuteranopia

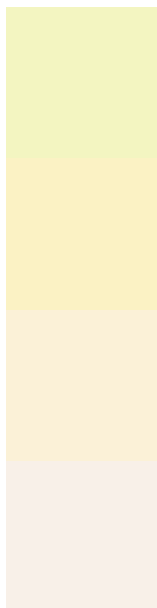
85.6797, 87.9551, 85.1343



Tritanopia

88.1178, 88.2976, 107.0066

Trichromacy



Original Color

79.2402, 88.2098, 63.3019

Protanomaly

81.4996, 87.9990, 64.9146

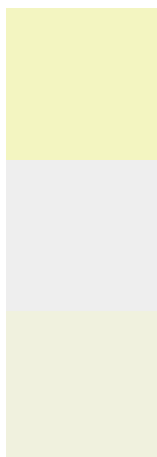
Deuteranomaly

83.5047, 88.3261, 76.9375

Tritanomaly

84.4370, 88.1028, 88.8992

Monochromacy



Original Color

79.2402, 88.2098, 63.3019

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.5753, 86.7098, 81.5971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2402, 88.2098, 63.3019 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, 245, 193)` looks like.

```
.text, #text, p{  
    color:rgb(243, 245, 193)  
}
```

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, 245, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 245, 193) }
```

Border

The CSS property to change the border of an element to XYZ 79.2402, 88.2098, 63.3019 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, 245, 193) }
```


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

```
.border{ border-color:rgb(243, 245, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 245, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 245, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 245, 193); box-shadow:4px 4px 4px 4px rgb(243, 245, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2402, 88.2098, 63.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 245, 193) }
```

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

```
.background{ background-color: rgb(243,  
245, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor