

Converting Colors

XYZ(79.7942, 88.8536, 67.5896)

Have a look what the booklet for
XYZ(79.7942, 88.8536, 67.5896)
contains.

XYZ(79.6567, 88.7824, 67.5819)	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(79.6567, 88.7824,
67.5819)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F6C8
RGB	241, 246, 200
RGB Percent	95%, 96%, 78%
CMY	0.0549, 0.0353, 0.2157
CMYK	0.02, 0.00, 0.19, 0.04
HSL	67°, 72%, 87%
HSV	67°, 19%, 96%
XYZ	79.6567, 88.7824, 67.5819
YIQ	239.2610, 11.7860, -15.3660

Conversions

Conversions Part 2

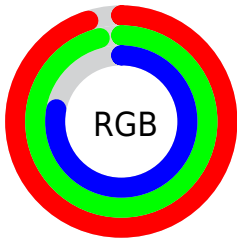
Format	Color
R _Y B	200, 246, 205
Decimal	15857352
CIE Lab	95.49, -9.15, 21.62
CIE LCh	95, 23.476, 112.936
Yxy	88.7824, 0.3375, 0.3762
Android (android.graphics.Color)	4294047432 (0xFFFF1F6C8)
YUV	239.2610, -19.3557, 1.5251
Hunter-Lab	94.2244, -13.9900, 23.4317

Details

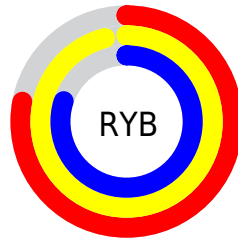
The XYZ color **79.6567, 88.7824, 67.5819** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.4691, 60.9438, 95.6645**, and the grayscale version is **82.3890, 86.6797, 94.3942**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6093, 49.2165, 34.3954** is the 20% darker color. If you saturate the color by 10%, you get **76.1038, 87.2594, 53.5961**, and if you desaturate by 10%, it is **83.6904, 90.5052, 84.0085**.

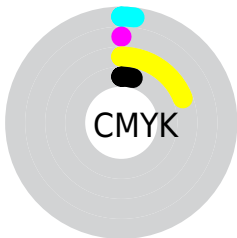
Distribution



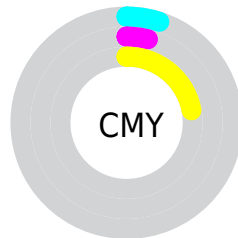
- Red (95%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (96%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6567, 88.7824, 67.5819 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 79.6567, 88.7824, 67.5819 by changing the saturation by 10% instead.

79.6567, 88.7824,
67.5819

79.6567, 88.7824,
67.5819

482.5293,
524.0620, 470.5710

59.7434, 66.9712,
49.0931

131.8360,
145.6459, 117.4024

43.4605, 49.0612,
34.3272

164.8327,
181.4671, 149.5711

30.4427, 34.6681,
22.8657

202.9213,
222.7270, 187.1370

20.3246, 23.4073,
14.2900

246.4671,
269.8101, 230.5184

12.7408, 14.8945,
8.1816

295.8354,
323.1007, 280.1340

7.3261, 8.7454,
4.1219

351.3917,

3.7150, 4.5755,

382.9834, 336.4022

1.6925

413.5012,
449.8423, 399.7417

■ 1.5422, 2.0004,
0.3556

■ 0.3543, 0.6077,
0.0000

■ 79.6567, 88.7824,
67.5819

■ 79.6567, 88.7824,
67.5819

■ 76.1038, 87.2594,
53.5961

■ 83.6904, 90.5052,
84.0085

■ 73.0025, 85.9157,
41.9292

■ 88.2185, 92.4243,
102.9789

■ 70.3313, 84.7455,
32.4571

■ 90.0854, 93.2805,
107.8647

■ 68.0638, 83.7383,
25.0423

■ 91.0464, 93.7760,
107.9097

■ 66.1709, 82.8826,
19.5313

■ 92.0212, 94.2785,
107.9553

■ 64.6195, 82.1649,
15.7497

■ 92.2476, 94.3952,
107.9659

■ 63.3702, 81.5695,
13.4905

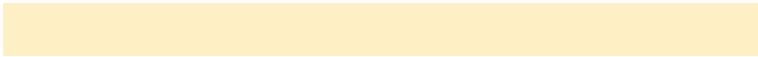
■ 62.3658, 81.0737,
12.4536

■ 62.2434, 81.0126,
12.3564

Harmonies

Analogous

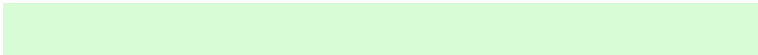
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9150, 88.7824, 65.6075



79.6567, 88.7824, 67.5819



74.8962, 88.7824, 76.8548

Triad

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



79.6567, 88.7824, 67.5819



77.1486, 88.7824, 127.7752



97.2628, 88.7824, 101.0904

Complementary

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



79.6567, 88.7824, 67.5819



62.4691, 60.9438, 95.6645

Split Complementary

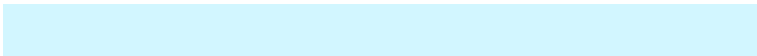
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.6432, 88.7824, 119.6257



79.6567, 88.7824, 67.5819



82.8733, 88.7824, 136.2507

Square

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



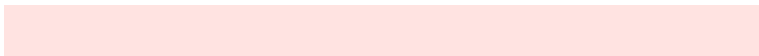
79.6567, 88.7824, 67.5819



73.5004, 88.7824, 111.1389



89.2968, 88.7824, 133.0934



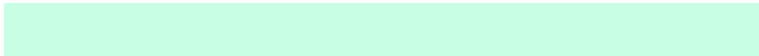
96.2944, 88.7824, 83.5128

Rectangle

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



79.6567, 88.7824, 67.5819



73.1059, 88.7824, 86.6438



89.2968, 88.7824, 133.0934



96.7684, 88.7824, 107.4390

Sweetspot

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



79.6590, 88.7863, 67.5838



92.0739, 98.7391, 96.4103



70.1700, 67.2368, 63.9244



19.6408, 21.1059, 20.3579



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

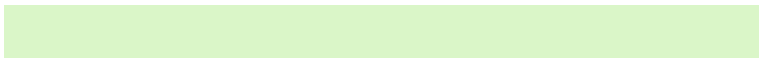
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6590, 88.7863, 67.5838



85.0872, 95.7596, 67.9708



72.4175, 85.0531, 67.2449



17.7267, 19.2167, 17.5725



33.2948, 43.2769, 6.5985



2.9761, 3.8293, 0.5823

Inverse Universe

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



62.4691, 60.9438, 95.6645



63.6283, 61.0005, 103.0284



69.1598, 64.3930, 95.9776



15.7485, 16.0130, 20.8033



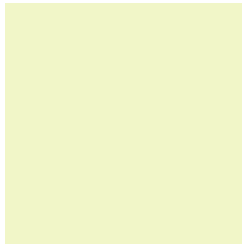
9.1726, 3.7029, 46.7693



0.8602, 0.3533, 4.1131

Previews

White Background



This preview shows how the XYZ color 79.6567, 88.7824, 67.5819 looks on a white background.

Color Contrast Check

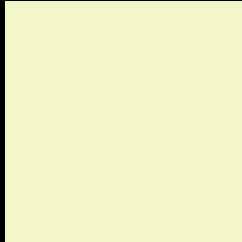
Large Text (above 18pt) WCAG AA × Fail

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 79.6567, 88.7824, 67.5819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

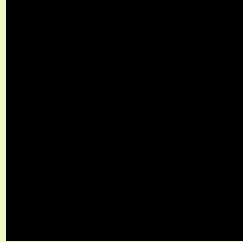
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

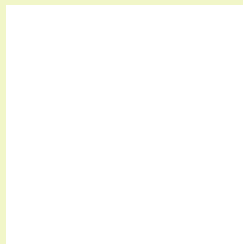
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6567, 88.7824, 67.5819

Background



This preview shows how black text looks on a background with the XYZ color 79.6567, 88.7824, 67.5819.

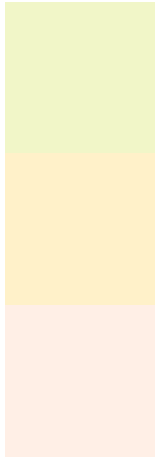


This preview shows how white text looks on a background with the XYZ color 79.6567, 88.7824,

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

79.6567, 88.7824, 67.5819

Protanopia

83.2379, 88.3876, 67.9318

Deuteranopia

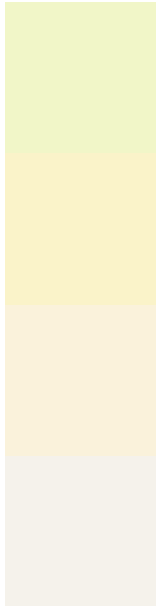
86.3894, 88.7062, 87.4317



Tritanopia

87.6279, 88.9095, 107.1505

Trichromacy



Original Color

79.6567, 88.7824, 67.5819

Protanomaly

82.0175, 88.6422, 68.0452

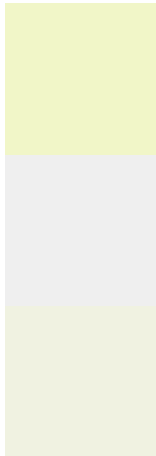
Deuteranomaly

83.9627, 88.9427, 79.7602

Tritanomaly

84.4037, 88.9149, 91.3110

Monochromacy



Original Color

79.6567, 88.7824, 67.5819

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.2779, 87.4658, 83.8329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6567, 88.7824, 67.5819 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(241, 246, 200)` looks like.

```
.text, #text, p{  
    color:rgb(241, 246, 200)  
}
```

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(241, 246, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 246, 200) }
```

Border

The CSS property to change the border of an element to XYZ 79.6567, 88.7824, 67.5819 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(241, 246, 200) }
```


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

```
.border{ border-color:rgb(241, 246, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 246, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 246, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 246, 200);  
box-shadow:4px 4px 4px 4px rgb(241, 246,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6567, 88.7824, 67.5819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 246, 200) }
```

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

```
.background{ background-color: rgb(241,  
246, 200) }
```

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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