

Converting Colors

XYZ(79.6203, 82.9417, 66.7789)

Have a look what the booklet for
XYZ(79.6203, 82.9417, 66.7789)
contains.

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Color

**XYZ(79.8264, 83.1903,
67.1084)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE9C9
RGB	252, 233, 201
RGB Percent	99%, 91%, 79%
CMY	0.0118, 0.0863, 0.2118
CMYK	0.00, 0.08, 0.20, 0.01
HSL	38°, 89%, 89%
HSV	38°, 20%, 99%
XYZ	79.8264, 83.1903, 67.1084
YIQ	235.0330, 21.5960, -5.9240

Conversions

Conversions Part 2

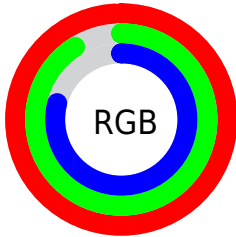
Format	Color
R _Y B	231, 252, 201
Decimal	16574921
CIE Lab	93.10, 1.49, 17.90
CIE LCh	93, 17.958, 85.225
Yxy	83.1903, 0.3469, 0.3615
Android (android.graphics.Color)	4294765001 (0xFFFC9C9)
YUV	235.0330, -16.7783, 14.8801
Hunter-Lab	91.2087, -3.3910, 20.2225

Details

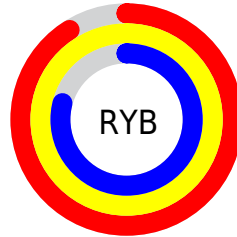
The XYZ color **79.8264, 83.1903, 67.1084** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.2509, 70.6305, 102.1845**, and the grayscale version is **79.1048, 83.2244, 90.6314**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4943, 45.1530, 34.0268** is the 20% darker color. If you saturate the color by 10%, you get **74.5157, 76.9298, 51.8931**, and if you desaturate by 10%, it is **85.7692, 89.9355, 84.9357**.

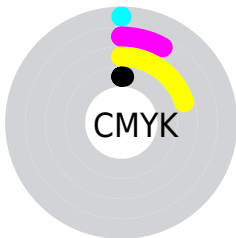
Distribution



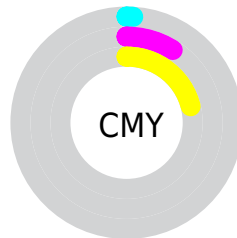
- Red (99%)
- Green (91%)
- Blue (79%)



- Red (91%)
- Yellow (99%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (1%)



- Cyan (1%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8264, 83.1903, 67.1084 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 79.8264, 83.1903, 67.1084 by changing the saturation by 10% instead.

79.8264, 83.1903,
67.1084

79.8264, 83.1903,
67.1084

483.0930,
505.6205, 468.8425

59.8835, 62.3472,
48.7106

132.0734,
137.8420, 116.7178

43.5738, 45.3133,
34.0260

165.1083,
172.4193, 148.7665

30.5321, 31.7042,
22.6360

203.2378,
212.3434, 186.2026

20.3929, 21.1357,
14.1222

246.8273,
257.9988, 229.4446

12.7909, 13.2232,
8.0660

296.2423,
309.7698, 278.9111

7.3607, 7.5824,
4.0488

351.8480,

3.7370, 3.8289,

368.0408, 335.0205

1.6522

414.0098,
433.1963, 398.1915

■ 1.5545, 1.5783,
0.3276

■ 0.3624, 0.3429,
0.0000

■ 79.8264, 83.1903,
67.1084

■ 79.8264, 83.1903,
67.1084

■ 74.5157, 76.9298,
51.8931

■ 85.7692, 89.9355,
84.9357

■ 69.8047, 71.1290,
39.1591

■ 92.3618, 97.1672,
105.4866

■ 65.6677, 65.7770,
28.7720

■ 93.9551, 99.4356,
108.8488

■ 62.0742, 60.8577,
20.5829

■ 58.9904, 56.3541,
14.4252

■ 56.3779, 52.2468,
10.1084

■ 54.1912, 48.5138,
7.4052

■ 52.3964, 45.1982,
5.9625

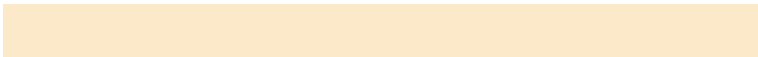
Harmonies

Analogous

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



84.3499, 83.1903, 70.8977



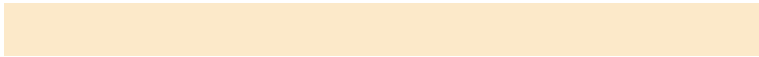
79.8264, 83.1903, 67.1084



75.2718, 83.1903, 69.0792

Triad

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



79.8264, 83.1903, 67.1084



71.1548, 83.1903, 102.0924



86.7465, 83.1903, 106.1975

Complementary

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



79.8264, 83.1903, 67.1084



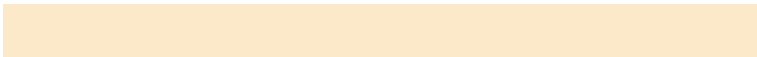
67.2509, 70.6305, 102.1845

Split Complementary

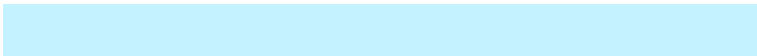
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.9936, 83.1903, 116.1350



79.8264, 83.1903, 67.1084



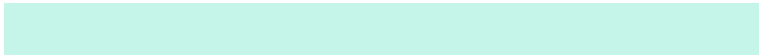
74.0149, 83.1903, 113.6047

Square

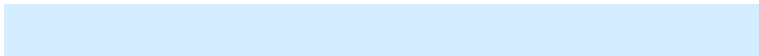
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8264, 83.1903, 67.1084



70.3818, 83.1903, 88.4375



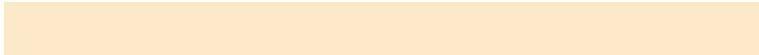
78.3182, 83.1903, 118.9712



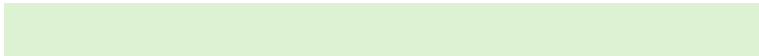
88.4450, 83.1903, 92.7570

Rectangle

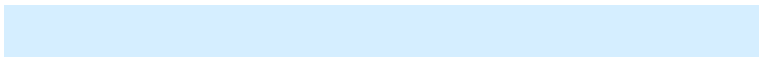
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.8264, 83.1903, 67.1084



72.8121, 83.1903, 73.5086



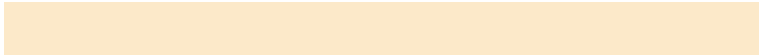
78.3182, 83.1903, 118.9712



85.6763, 83.1903, 110.1090

Sweetspot

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



79.8286, 83.1940, 67.1102



90.8926, 95.4714, 95.8419



74.0236, 67.6663, 77.2531



19.3611, 20.3317, 20.2232



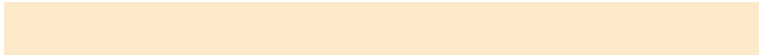
0.0000, 0.0000, 0.0000



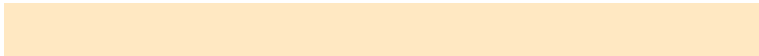
20.3446, 21.4041, 23.3091

Same Dimension

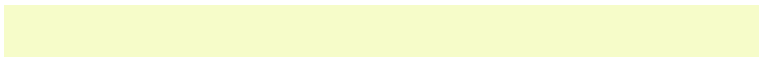
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8286, 83.1940, 67.1102



79.8698, 82.9754, 62.7275



83.3773, 93.4403, 68.9009



18.1523, 19.0405, 18.1809



27.4398, 23.8362, 3.1546



2.6430, 2.4108, 0.3260

Inverse Universe

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



67.2509, 70.6305, 102.1845



64.9551, 68.0795, 104.3249



64.1765, 62.0609, 100.6925



16.8126, 17.7020, 21.9160



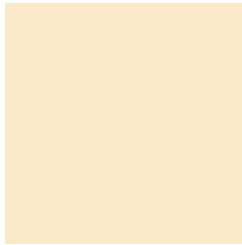
11.3606, 8.0767, 48.9337



1.1500, 0.9437, 4.5647

Previews

White Background



This preview shows how the XYZ color 79.8264, 83.1903, 67.1084 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 79.8264, 83.1903, 67.1084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

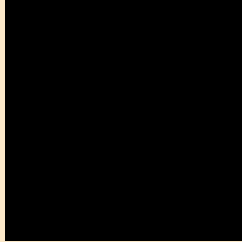
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8264, 83.1903, 67.1084

Background



This preview shows how black text looks on a background with the XYZ color 79.8264, 83.1903, 67.1084.



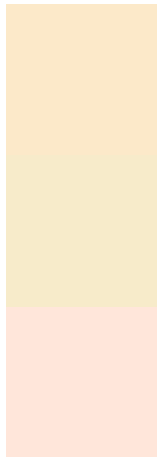
This preview shows how white text looks on a background with the XYZ color 79.8264, 83.1903,

67.1084.

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

79.8264, 83.1903, 67.1084

Protanopia

78.7268, 83.4551, 67.8362

Deuteranopia

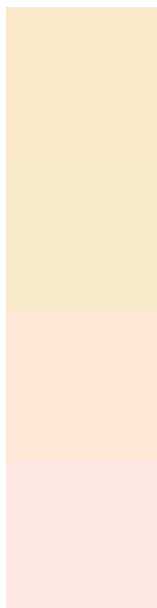
82.1917, 82.9156, 78.0020



Tritanopia

85.1611, 83.2179, 96.3682

Trichromacy



Original Color

79.8264, 83.1903, 67.1084

Protanomaly

79.1504, 83.2496, 67.7742

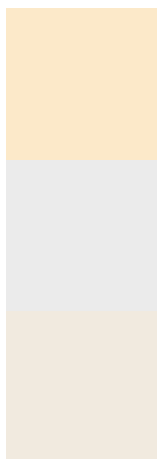
Deuteranomaly

81.3326, 82.9761, 74.0167

Tritanomaly

83.1735, 83.2659, 85.0870

Monochromacy



Original Color

79.8264, 83.1903, 67.1084

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.0177, 82.8741, 81.6437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8264, 83.1903, 67.1084 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(252, 233, 201)` looks like.

```
.text, #text, p{  
    color:rgb(252, 233, 201)  
}
```

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(252, 233, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 233, 201) }
```

Border

The CSS property to change the border of an element to XYZ 79.8264, 83.1903, 67.1084 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(252, 233, 201) }
```


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

```
.border{ border-color:rgb(252, 233, 201) }
```

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

Here you see how a box with a 4 pixel rgb(252, 233, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 233, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 233, 201);  
box-shadow:4px 4px 4px 4px rgb(252, 233,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8264, 83.1903, 67.1084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 233, 201) }
```

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

```
.background{ background-color: rgb(252,  
233, 201) }
```

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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