

Converting Colors

XYZ(79.7647, 83.7857, 59.5462)

Have a look what the booklet for
XYZ(79.7647, 83.7857, 59.5462)
contains.

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Color

**XYZ(79.7399, 83.7365,
59.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEABC
RGB	255, 234, 188
RGB Percent	100%, 92%, 74%
CMY	0.0000, 0.0823, 0.2627
CMYK	0.00, 0.08, 0.26, 0.00
HSL	41°, 100%, 87%
HSV	41°, 26%, 100%
XYZ	79.7399, 83.7365, 59.5370
YIQ	235.0350, 27.2820, -9.8540

Conversions

Conversions Part 2

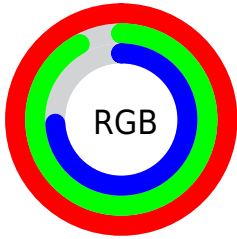
Format	Color
R _Y B	219, 255, 188
Decimal	16771772
CIE Lab	93.34, 0.30, 24.96
CIE LCh	93, 24.966, 89.317
Yxy	83.7365, 0.3576, 0.3755
Android (android.graphics.Color)	4294961852 (0xFFFFEABC)
YUV	235.0350, -23.1883, 17.5093
Hunter-Lab	91.5076, -4.5932, 25.4799

Details

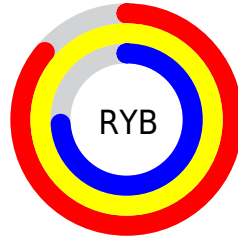
The XYZ color **79.7399, 83.7365, 59.5370** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.5889, 63.5104, 103.6204**, and the grayscale version is **79.1505, 83.2725, 90.6838**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **43.5122, 45.5678, 29.0564** is the 20% darker color. If you saturate the color by 10%, you get **75.0071, 78.2880, 45.5747**, and if you desaturate by 10%, it is **85.0653, 89.5920, 76.0950**.

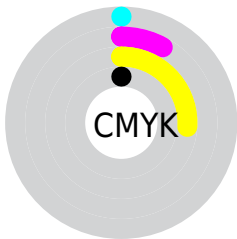
Distribution



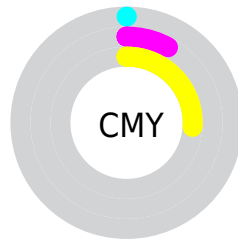
- Red (100%)
- Green (92%)
- Blue (74%)



- Red (86%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (8%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (8%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.7399, 83.7365, 59.5370 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 79.7399, 83.7365, 59.5370 by changing the saturation by 10% instead.


 79.7399, 83.7365,
59.5370

 79.7399, 83.7365,
59.5370


482.8057,
507.4378, 440.6462

 59.8121, 62.7979,
42.6227


 131.9524,
138.6065, 105.6945

 43.5161, 45.6777,
29.2600


164.9678,
173.3067, 135.7748

 30.4865, 31.9916,
19.0303


203.0765,
213.3630, 171.0809

 20.3581, 21.3551,
11.5152

246.6437,
259.1596, 212.0312

 12.7654, 13.3838,
6.2960

296.0349,
311.0810, 259.0444

 7.3431, 7.6934,
2.9542

351.6154,

 3.7258, 3.8994,

369.5115, 312.5389

1.0713

413.7506,
434.8357, 372.9333

■ 1.5482, 1.6174,
0.0000

■ 0.3583, 0.3693,
0.0000

■ 79.7399, 83.7365,
59.5370

■ 79.7399, 83.7365,
59.5370

■ 75.0071, 78.2880,
45.5747

■ 85.0653, 89.5920,
76.0950

■ 70.8336, 73.2224,
34.0677

■ 91.0019, 95.8553,
95.3686

■ 67.1923, 68.5295,
24.8704

95.0500, 100.0000,
108.9000

■ 64.0509, 64.1942,
17.8194

■ 61.3729, 60.1996,
12.7299

■ 59.1159, 56.5264,
9.3852

■ 57.2272, 53.1512,
7.5159

■ 56.5888, 51.9576,
7.0463

Harmonies

Analogous

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



86.2197, 83.7365, 63.4343



79.7399, 83.7365, 59.5370



73.5548, 83.7365, 63.0959

Triad

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



79.7399, 83.7365, 59.5370



69.0617, 83.7365, 110.0875



90.9703, 83.7365, 110.9378

Complementary

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



79.7399, 83.7365, 59.5370



61.5889, 63.5104, 103.6204

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.



85.9445, 83.7365, 126.5487



79.7399, 83.7365, 59.5370



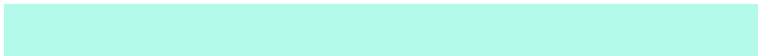
73.3073, 83.7365, 126.0122

Square

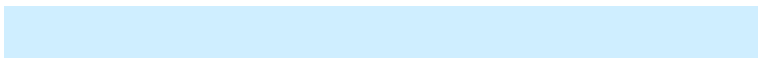
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7399, 83.7365, 59.5370



67.5991, 83.7365, 90.7437



79.4384, 83.7365, 132.4068



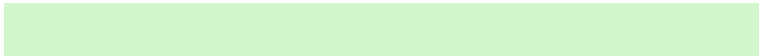
92.9189, 83.7365, 91.6073

Rectangle

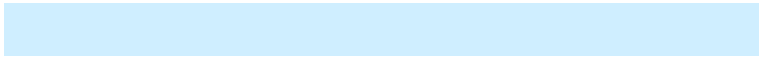
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7399, 83.7365, 59.5370



70.3772, 83.7365, 69.5403



79.4384, 83.7365, 132.4068



89.5716, 83.7365, 116.8868

Sweetspot

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



79.7420, 83.7402, 59.5387



89.9322, 94.7442, 91.8421



70.7593, 61.8416, 68.6705



19.0529, 20.0741, 19.0148



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

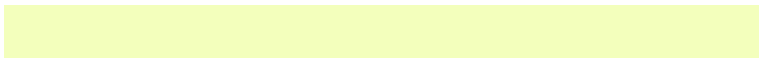
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7420, 83.7402, 59.5387



76.9603, 80.5701, 51.2337



81.7019, 94.1553, 61.4458



19.0529, 20.0741, 19.0148



29.7085, 27.4282, 3.7284



2.9904, 2.8662, 0.3956

Inverse Universe

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



61.5889, 63.5104, 103.6204



55.7885, 56.9825, 102.6661



59.9293, 55.5060, 102.1628



17.4674, 18.3064, 22.8628



11.0436, 6.9967, 50.2030



1.1680, 0.8668, 4.9190

Previews

White Background



This preview shows how the XYZ color 79.7399, 83.7365, 59.5370 looks on a white background.

Color Contrast Check

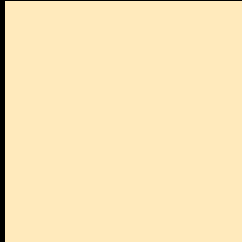
Large Text (above 18pt) WCAG AA × Fail

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 79.7399, 83.7365, 59.5370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

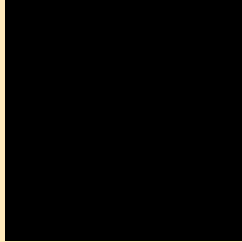
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7399, 83.7365, 59.5370

Background



This preview shows how black text looks on a background with the XYZ color 79.7399, 83.7365, 59.5370.



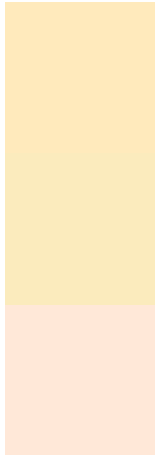
This preview shows how white text looks on a background with the XYZ color 79.7399, 83.7365,

59.5370.

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

79.7399, 83.7365, 59.5370

Protanopia

78.6773, 83.6000, 60.1338

Deuteranopia

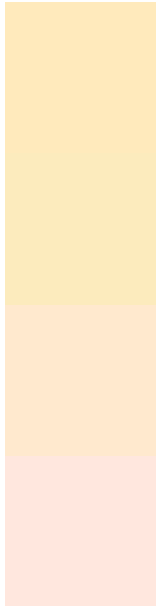
82.4913, 83.9311, 76.8183



Tritanopia

85.2863, 83.7094, 95.6669

Trichromacy



Original Color

79.7399, 83.7365, 59.5370

Protanomaly

79.0385, 83.7862, 60.1507

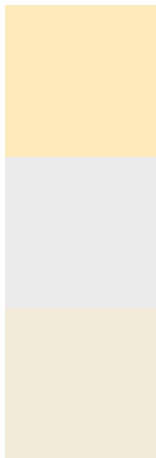
Deuteranomaly

81.5195, 83.9941, 70.3085

Tritanomaly

83.0007, 83.6858, 80.8856

Monochromacy



Original Color

79.7399, 83.7365, 59.5370

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.9812, 83.3559, 78.2562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7399, 83.7365, 59.5370 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(255, 234, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 188)  
}
```

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(255, 234, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 188) }
```

Border

The CSS property to change the border of an element to XYZ 79.7399, 83.7365, 59.5370 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(255, 234, 188) }
```


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

```
.border{ border-color:rgb(255, 234, 188) }
```

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

Here you see how a box with a 4 pixel rgb(255, 234, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7399, 83.7365, 59.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 188) }
```

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

```
.background{ background-color: rgb(255,  
234, 188) }
```

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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