

Converting Colors

XYZ(111.0568, 100.0000,
58.7794)

Have a look what the booklet for
XYZ(111.0568, 100.0000, 58.7794)
contains.

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Color

**XYZ(79.3145, 83.5663,
57.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEAB8
RGB	255, 234, 184
RGB Percent	100%, 92%, 72%
CMY	0.0000, 0.0823, 0.2784
CMYK	0.00, 0.08, 0.28, 0.00
HSL	42°, 100%, 86%
HSV	42°, 28%, 100%
XYZ	79.3145, 83.5663, 57.2970
YIQ	234.5790, 28.5660, -11.0980

Conversions

Conversions Part 2

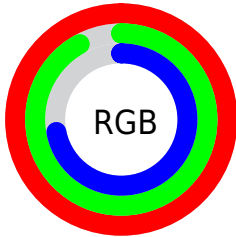
Format	Color
R _Y B	214, 255, 184
Decimal	16771768
CIE Lab	93.26, -0.22, 26.91
CIE LCh	93, 26.915, 90.475
Yxy	83.5663, 0.3602, 0.3795
Android (android.graphics.Color)	4294961848 (0xFFFEAB8)
YUV	234.5790, -24.9354, 17.9092
Hunter-Lab	91.4146, -5.1027, 26.8283

Details

The XYZ color **79.3145, 83.5663, 57.2970** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.6479, 61.0712, 103.2519**, and the grayscale version is **78.8156, 82.9201, 90.3000**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **43.3058, 45.4852, 27.9698** is the 20% darker color. If you saturate the color by 10%, you get **74.7782, 78.3926, 43.7648**, and if you desaturate by 10%, it is **84.4282, 89.1230, 73.4006**.

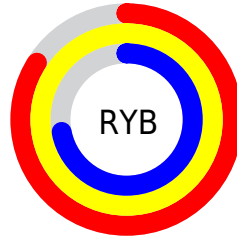
Distribution



Red (100%)

Green (92%)

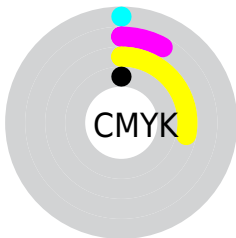
Blue (72%)



Red (84%)

Yellow (100%)

Blue (72%)

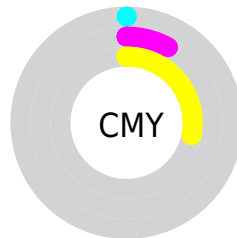


Cyan (0%)

Magenta (8%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (8%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3145, 83.5663, 57.2970 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 79.3145, 83.5663, 57.2970 by changing the saturation by 10% instead.


 79.3145, 83.5663,
57.2970

 79.3145, 83.5663,
57.2970


481.3914,
506.8719, 432.0861

 59.4609, 62.6574,
40.8328


 131.3571,
138.3683, 102.4031

 43.2321, 45.5641,
27.8697


164.2769,
173.0303, 131.8820

 30.2626, 31.9020,
17.9893


202.2828,
213.0454, 166.5362

 20.1870, 21.2867,
10.7729

245.7401,
258.7980, 206.7843

 12.6401, 13.3337,
5.8021

295.0143,
310.6726, 253.0448

 7.2565, 7.6587,
2.6583

350.4707,

 3.6708, 3.8774,

369.0535, 305.7363

0.9223

412.4746,
434.3252, 365.2772

■ 1.5176, 1.6052,
0.0000

■ 0.3378, 0.3611,
0.0000

■ 79.3145, 83.5663,
57.2970

■ 79.3145, 83.5663,
57.2970

■ 74.7782, 78.3926,
43.7648

■ 84.4282, 89.1230,
73.4006

■ 70.7860, 73.5780,
32.6622

■ 90.1382, 95.0633,
92.1971

■ 67.3106, 69.1126,
23.8412

95.0500, 100.0000,
108.9000

■ 64.3193, 64.9816,
17.1358

■ 61.7751, 61.1683,
12.3568

■ 59.6345, 57.6533,
9.2816

■ 57.8398, 54.4115,
7.6120

■ 57.4803, 53.7405,
7.3434

Harmonies

Analogous

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



86.3290, 83.5663, 61.0980



79.3145, 83.5663, 57.2970



72.7192, 83.5663, 61.3460

Triad

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



79.3145, 83.5663, 57.2970



68.2593, 83.5663, 112.2366



91.8756, 83.5663, 111.5942

Complementary

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



79.3145, 83.5663, 57.2970



59.6479, 61.0712, 103.2519

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.



86.5357, 83.5663, 128.9108



79.3145, 83.5663, 57.2970



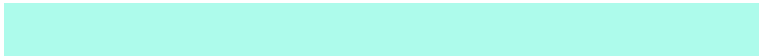
72.9035, 83.5663, 129.3188

Square

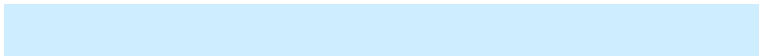
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3145, 83.5663, 57.2970



66.5733, 83.5663, 91.3130



79.5401, 83.5663, 135.8255



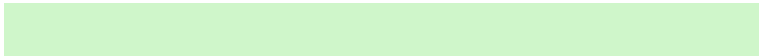
93.8376, 83.5663, 90.6668

Rectangle

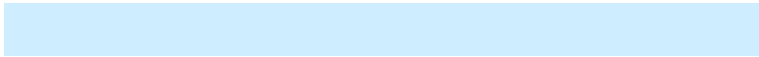
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3145, 83.5663, 57.2970



69.3795, 83.5663, 68.3575



79.5401, 83.5663, 135.8255



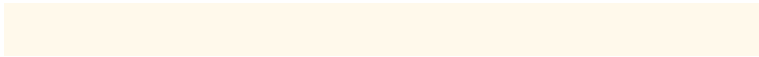
90.4011, 83.5663, 118.1353

Sweetspot

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



79.3166, 83.5701, 57.2987



90.0434, 94.9666, 91.8792



69.4368, 59.9642, 65.8631



19.0810, 20.1303, 19.0242



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.



79.3166, 83.5701, 57.2987



76.9059, 80.8536, 50.0061



80.6195, 93.6464, 59.1750



19.0810, 20.1303, 19.0242



30.1708, 28.3528, 3.8825



3.0327, 2.9507, 0.4097

Inverse Universe

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



59.6479, 61.0712, 103.2519



54.4916, 55.2204, 102.3943



58.5328, 53.5350, 101.8560



17.4407, 18.2530, 22.8539



10.8726, 6.6547, 50.1460



1.1487, 0.8280, 4.9126

Previews

White Background



This preview shows how the XYZ color 79.3145, 83.5663, 57.2970 looks on a white background.

Color Contrast Check

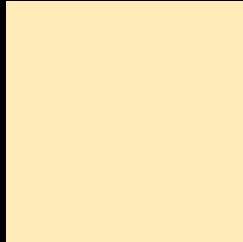
Large Text (above 18pt) WCAG AA × Fail

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 79.3145, 83.5663, 57.2970 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 79.3145, 83.5663, 57.2970

Background



This preview shows how black text looks on a background with the XYZ color 79.3145, 83.5663, 57.2970.



This preview shows how white text looks on a background with the XYZ color 79.3145, 83.5663,

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

79.3145, 83.5663, 57.2970

Protanopia

78.2489, 83.4287, 57.8781

Deuteranopia

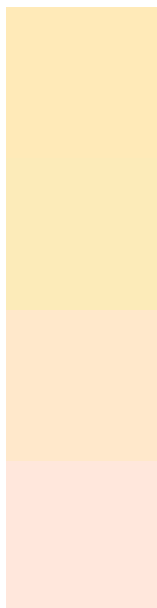
81.9535, 83.2669, 75.3710



Tritanopia

85.1365, 83.6495, 94.8779

Trichromacy



Original Color

79.3145, 83.5663, 57.2970

Protanomaly

78.6102, 83.6149, 57.8950

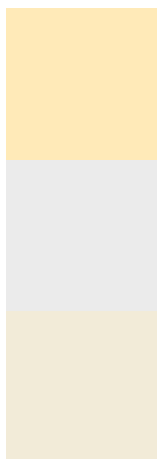
Deuteranomaly

80.8761, 83.2850, 68.3129

Tritanomaly

82.7342, 83.5791, 79.4820

Monochromacy



Original Color

79.3145, 83.5663, 57.2970

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.7210, 83.2518, 76.8859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3145, 83.5663, 57.2970 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 184) }
```

Border

The CSS property to change the border of an element to XYZ 79.3145, 83.5663, 57.2970 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, 184) }
```


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

```
.border{ border-color:rgb(255, 234, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3145, 83.5663, 57.2970 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, 184) }
```

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

```
.background{ background-color: rgb(255,  
234, 184) }
```

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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