

Converting Colors

XYZ(80.1534, 83.5494, 62.8008)

Have a look what the booklet for
XYZ(80.1534, 83.5494, 62.8008)
contains.

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Color

**XYZ(80.1165, 83.4329,
62.9205)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9C2
RGB	255, 233, 194
RGB Percent	100%, 91%, 76%
CMY	0.0000, 0.0862, 0.2392
CMYK	0.00, 0.09, 0.24, 0.00
HSL	38°, 100%, 88%
HSV	38°, 24%, 100%
XYZ	80.1165, 83.4329, 62.9205
YIQ	235.1320, 25.6310, -7.4650

Conversions

Conversions Part 2

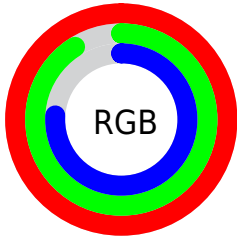
Format	Color
R_{YB}	228, 255, 194
Decimal	16771522
CIE Lab	93.20, 1.61, 21.70
CIE LCh	93, 21.755, 85.758
Yxy	83.4329, 0.3538, 0.3684
Android (android.graphics.Color)	4294961602 (0xFFFFE9C2)
YUV	235.1320, -20.2781, 17.4242
Hunter-Lab	91.3416, -3.2840, 23.0973

Details

The XYZ color **80.1165, 83.4329, 62.9205** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.8533, 67.7990, 104.2761**, and the grayscale version is **79.2039, 83.3286, 90.7449**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **43.7445, 45.3435, 31.2575** is the 20% darker color. If you saturate the color by 10%, you get **74.9599, 77.3163, 48.2641**, and if you desaturate by 10%, it is **85.9043, 90.0248, 80.2137**.

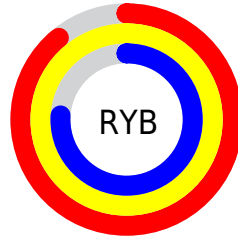
Distribution



Red (100%)

Green (91%)

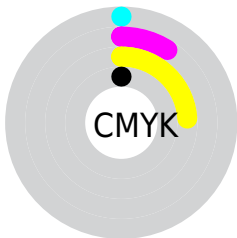
Blue (76%)



Red (89%)

Yellow (100%)

Blue (76%)

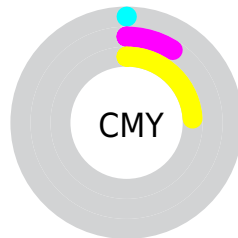


Cyan (0%)

Magenta (9%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.1165, 83.4329, 62.9205 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 80.1165, 83.4329, 62.9205 by changing the saturation by 10% instead.


 80.1165, 83.4329,
62.9205

 80.1165, 83.4329,
62.9205


484.0559,
506.4281, 453.3809

 60.1230, 62.5473,
45.3363


132.4792,
138.1816, 110.6393

 43.7676, 45.4751,
31.3775


165.5791,
172.8135, 141.6109

 30.6850, 31.8318,
20.6256


203.7785,
212.7964, 177.8822

 20.5098, 21.2331,
12.6621

247.4428,
258.5145, 219.8715

 12.8765, 13.2945,
7.0683

296.9374,
310.3524, 267.9976

 7.4200, 7.6316,
3.4257

352.6275,

 3.7748, 3.8602,

368.6944, 322.6788

1.3159

414.8786,
433.9248, 384.3337

■ 1.5755, 1.5956,
0.0748

■ 0.3764, 0.3547,
0.0000

■ 80.1165, 83.4329,
62.9205

■ 80.1165, 83.4329,
62.9205

■ 74.9599, 77.3163,
48.2641

■ 85.9043, 90.0248,
80.2137

■ 70.4013, 71.6497,
36.1066

■ 92.3425, 97.0942,
100.2618

■ 66.4133, 66.4217,
26.3051

95.0500, 100.0000,
108.9000

■ 62.9635, 61.6161,
18.7002

■ 60.0160, 57.2147,
13.1125

■ 57.5290, 53.1975,
9.3340

■ 55.4521, 49.5404,
7.1105

■ 54.3473, 47.4746,
6.2991

Harmonies

Analogous

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



85.6496, 83.4329, 67.2200



80.1165, 83.4329, 62.9205



74.6175, 83.4329, 65.3326

Triad

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



80.1165, 83.4329, 62.9205



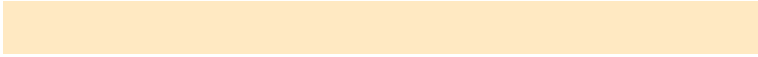
69.8043, 83.4329, 105.2275



88.7416, 83.4329, 109.7399

Complementary

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



80.1165, 83.4329, 62.9205



64.8533, 67.7990, 104.2761

Split Complementary

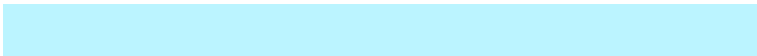
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.1753, 83.4329, 122.2585



80.1165, 83.4329, 62.9205



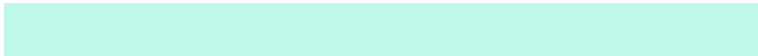
73.2731, 83.4329, 119.4414

Square

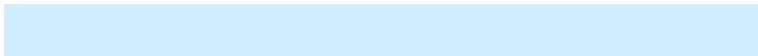
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.1165, 83.4329, 62.9205



68.8330, 83.4329, 88.5350



78.4900, 83.4329, 126.0050



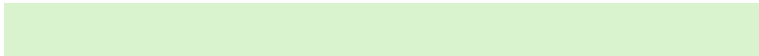
90.7787, 83.4329, 93.1933

Rectangle

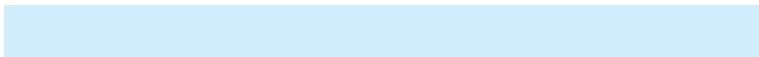
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.1165, 83.4329, 62.9205



71.6814, 83.4329, 70.5979



78.4900, 83.4329, 126.0050



87.4412, 83.4329, 114.6327

Sweetspot

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



80.1186, 83.4366, 62.9222



90.2891, 94.8653, 93.7878



72.9745, 64.8213, 73.8810



19.2410, 20.2127, 19.8096



0.0000, 0.0000, 0.0000



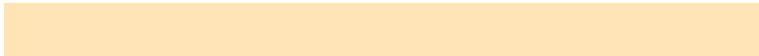
20.3446, 21.4041, 23.3091

Same Dimension

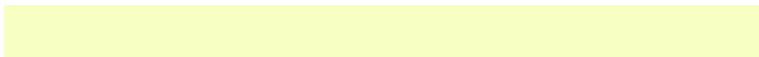
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.1186, 83.4366, 62.9222



77.4217, 80.2704, 55.1561



83.8087, 95.1651, 64.9916



18.9781, 19.9244, 18.9899



28.5443, 25.0998, 3.3403



2.8829, 2.6512, 0.3598

Inverse Universe

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



64.8533, 67.7990, 104.2761



59.6039, 62.0220, 103.4377



61.7359, 58.3798, 102.6223



17.5391, 18.4497, 22.8867



11.5570, 8.0236, 50.3742



1.2244, 0.9796, 4.9378

Previews

White Background



This preview shows how the XYZ color 80.1165, 83.4329, 62.9205 looks on a white background.

Color Contrast Check

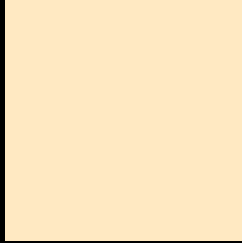
Large Text (above 18pt) WCAG AA × Fail

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 80.1165, 83.4329, 62.9205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

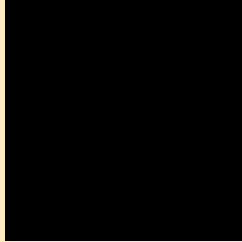
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.1165, 83.4329, 62.9205

Background



This preview shows how black text looks on a background with the XYZ color 80.1165, 83.4329, 62.9205.



This preview shows how white text looks on a background with the XYZ color 80.1165, 83.4329,

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

80.1165, 83.4329, 62.9205

Protanopia

78.6256, 83.4965, 63.6022

Deuteranopia

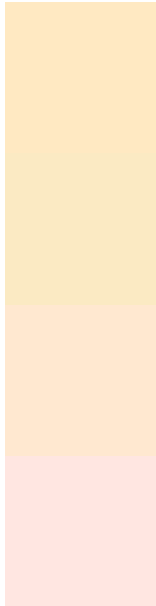
82.2106, 83.3697, 76.7247



Tritanopia

85.2863, 83.7094, 95.6669

Trichromacy



Original Color

80.1165, 83.4329, 62.9205

Protanomaly

79.0568, 83.2950, 63.5406

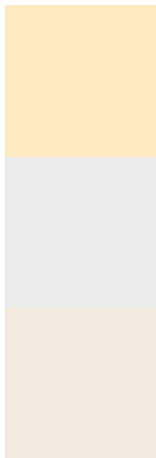
Deuteranomaly

81.4818, 83.5273, 71.5023

Tritanomaly

83.1274, 83.2899, 82.9294

Monochromacy



Original Color

80.1165, 83.4329, 62.9205

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.9590, 82.8902, 79.5480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.1165, 83.4329, 62.9205 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, 233, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 194)  
}
```

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, 233, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 194) }
```

Border

The CSS property to change the border of an element to XYZ 80.1165, 83.4329, 62.9205 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, 233, 194) }
```


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

```
.border{ border-color:rgb(255, 233, 194) }
```

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

Here you see how a box with a 4 pixel rgb(255, 233, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 80.1165, 83.4329, 62.9205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 194) }
```

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

```
.background{ background-color: rgb(255,  
233, 194) }
```

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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