

Converting Colors

XYZ(64.6398, 65.3533, 43.3755)

Have a look what the booklet for
XYZ(64.6398, 65.3533, 43.3755)
contains.

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Color

**XYZ(64.5281, 65.2765,
43.3811)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CEA2
RGB	240, 206, 162
RGB Percent	94%, 81%, 64%
CMY	0.0588, 0.1921, 0.3647
CMYK	0.00, 0.14, 0.32, 0.06
HSL	34°, 72%, 79%
HSV	34°, 32%, 94%
XYZ	64.5281, 65.2765, 43.3811
YIQ	211.1500, 34.3880, -6.4760

Conversions

Conversions Part 2

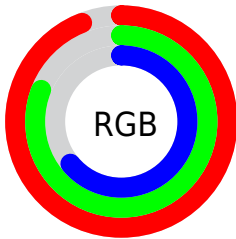
Format	Color
R _Y B	222, 240, 162
Decimal	15781538
CIE Lab	84.63, 5.71, 26.33
CIE LCh	85, 26.939, 77.753
Yxy	65.2765, 0.3726, 0.3769
Android (android.graphics.Color)	4293971618 (0xFFFF0CEA2)
YUV	211.1500, -24.2309, 25.3015
Hunter-Lab	80.7939, 1.1743, 24.7208

Details

The XYZ color **64.5281, 65.2765, 43.3811** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.3680, 53.4510, 90.1007**, and the grayscale version is **62.1566, 65.3936, 71.2137**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **33.5711, 33.6495, 19.4775** is the 20% darker color. If you saturate the color by 10%, you get **60.1605, 59.6357, 32.3855**, and if you desaturate by 10%, it is **69.4738, 71.4214, 56.5795**.

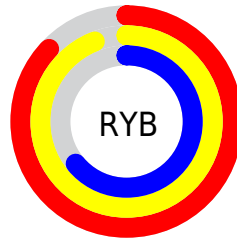
Distribution



Red (94%)

Green (81%)

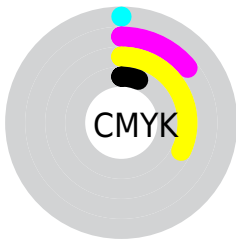
Blue (64%)



Red (87%)

Yellow (94%)

Blue (64%)

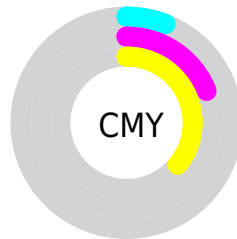


Cyan (0%)

Magenta (14%)

Yellow (32%)

Black (6%)



Cyan (6%)


Magenta (19%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5281, 65.2765, 43.3811 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 64.5281, 65.2765, 43.3811 by changing the saturation by 10% instead.


 64.5281, 65.2765,
43.3811


 64.5281, 65.2765,
43.3811


430.6663,
443.7849, 376.1439

 47.3418, 47.6853,
29.8506


 110.4406,
112.4473, 81.5782

 33.5150, 33.5778,
19.4742

 139.8976,
142.7957, 107.0818

 22.6824, 22.5694,
11.8331


174.1755,
178.1653, 137.4136

 14.4786, 14.2759,
6.5090

213.6396,
218.9404, 172.9921

 8.5382, 8.3128,
3.0832

258.6554,
265.5056, 214.2359

 4.4959, 4.2957,
1.1373

309.5883,

 1.9863, 1.8403,

318.2451, 261.5634

0.0000

366.8034,
377.5434, 315.3932

■ 0.6263, 0.5121,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5281, 65.2765,
43.3811

■ 64.5281, 65.2765,
43.3811

■ 60.1605, 59.6357,
32.3855

■ 69.4738, 71.4214,
56.5795

■ 56.3396, 54.4742,
23.4653

■ 75.0172, 78.0763,
72.0905

■ 53.0381, 49.7781,
16.4860

■ 81.1829, 85.2581,
90.0211

■ 50.2239, 45.5290,
11.2954

■ 87.5053, 92.7855,
107.9051

■ 47.8603, 41.7068,
7.7184

■ 89.7453, 97.2653,
108.6517

■ 45.9039, 38.2878,
5.5432

■ 44.6552, 35.9651,
4.5884

Harmonies

Analogous

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



70.1449, 65.2765, 49.2754



64.5281, 65.2765, 43.3811



58.5847, 65.2765, 43.9761

Triad

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



64.5281, 65.2765, 43.3811



51.6717, 65.2765, 81.6559



71.0006, 65.2765, 95.7396

Complementary

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



64.5281, 65.2765, 43.3811



50.3680, 53.4510, 90.1007

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.



65.6355, 65.2765, 107.4999



64.5281, 65.2765, 43.3811



54.5909, 65.2765, 98.5089

Square

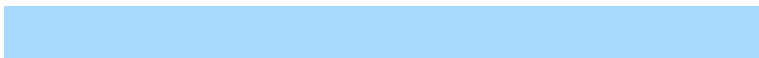
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.5281, 65.2765, 43.3811



51.4177, 65.2765, 64.2806



59.6232, 65.2765, 108.5882



74.0405, 65.2765, 78.3321

Rectangle

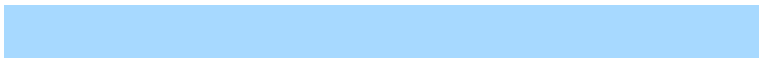
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.5281, 65.2765, 43.3811



55.2310, 65.2765, 47.9797



59.6232, 65.2765, 108.5882



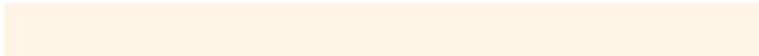
69.3940, 65.2765, 100.5980

Sweetspot

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



64.5298, 65.2795, 43.3824



87.7693, 91.5781, 87.5457



58.9456, 48.4025, 59.1200



18.5798, 19.3587, 18.1450



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.



64.5298, 65.2795, 43.3824



70.6604, 70.5604, 41.1484



72.3073, 82.7791, 46.3503



16.5128, 17.2387, 16.6068



24.5797, 19.9575, 2.5567



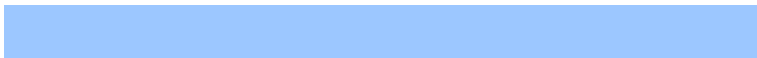
2.1436, 1.8579, 0.2456

Inverse Universe

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



50.3680, 53.4510, 90.1007



52.0723, 55.0410, 102.4872



44.3542, 40.2290, 87.8655



15.4640, 16.3621, 20.0648



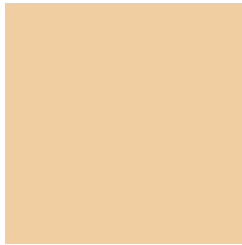
11.4799, 9.1840, 46.2955



1.0523, 0.9585, 3.8838

Previews

White Background



This preview shows how the XYZ color 64.5281, 65.2765, 43.3811 looks on a white background.

Color Contrast Check

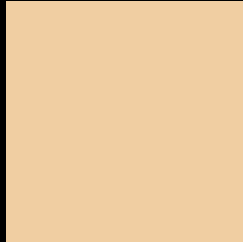
Large Text (above 18pt) WCAG AA × Fail

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 64.5281, 65.2765, 43.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

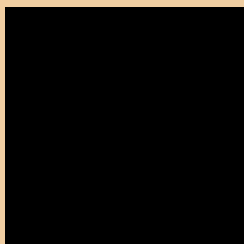
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.5281, 65.2765, 43.3811

Background



This preview shows how black text looks on a background with the XYZ color 64.5281, 65.2765, 43.3811.



This preview shows how white text looks on a background with the XYZ color 64.5281, 65.2765,

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

64.5281, 65.2765, 43.3811

Protanopia

61.0464, 65.2764, 44.5041

Deuteranopia

66.6782, 65.3127, 43.7426



Tritanopia

70.5671, 65.2947, 72.5022

Trichromacy



Original Color

64.5281, 65.2765, 43.3811

Protanomaly

62.0445, 65.0683, 43.9397

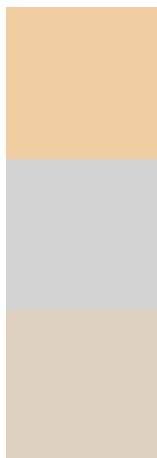
Deuteranomaly

65.8599, 65.2426, 43.7722

Tritanomaly

68.2791, 65.4143, 60.6573

Monochromacy



Original Color

64.5281, 65.2765, 43.3811

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.5503, 64.9808, 59.6979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5281, 65.2765, 43.3811 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(240, 206, 162)` looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 162)  
}
```

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(240, 206, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 162) }
```

Border

The CSS property to change the border of an element to XYZ 64.5281, 65.2765, 43.3811 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(240, 206, 162) }
```


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

```
.border{ border-color:rgb(240, 206, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 206, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 206, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 206, 162);  
box-shadow:4px 4px 4px 4px rgb(240, 206,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5281, 65.2765, 43.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 206, 162) }
```

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

```
.background{ background-color: rgb(240,  
206, 162) }
```

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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