

Converting Colors

XYZ(63.2207, 66.9546, 54.9192)

Have a look what the booklet for
XYZ(63.2207, 66.9546, 54.9192)
contains.

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Color

**XYZ(63.1864, 66.8965,
54.9294)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D5B8
RGB	224, 213, 184
RGB Percent	88%, 84%, 72%
CMY	0.1216, 0.1647, 0.2784
CMYK	0.00, 0.05, 0.18, 0.12
HSL	44°, 39%, 80%
HSV	44°, 18%, 88%
XYZ	63.1864, 66.8965, 54.9294
YIQ	212.9830, 15.8650, -6.6870

Conversions

Conversions Part 2

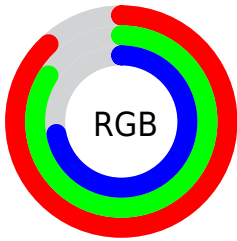
Format	Color
R _Y B	199, 224, 184
Decimal	14734776
CIE Lab	85.45, -0.91, 15.70
CIE LCh	85, 15.730, 93.321
Yxy	66.8965, 0.3415, 0.3616
Android (android.graphics.Color)	4292924856 (0xFFE0D5B8)
YUV	212.9830, -14.2886, 9.6619
Hunter-Lab	81.7903, -5.2343, 17.4347

Details

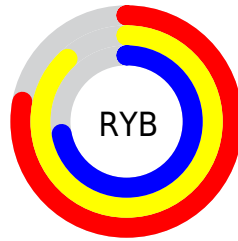
The XYZ color **63.1864, 66.8965, 54.9294** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.7365, 54.6010, 78.2809**, and the grayscale version is **63.3211, 66.6187, 72.5478**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **32.6858, 34.5274, 26.4145** is the 20% darker color. If you saturate the color by 10%, you get **59.5029, 62.9941, 43.0200**, and if you desaturate by 10%, it is **67.3041, 71.0712, 68.8195**.

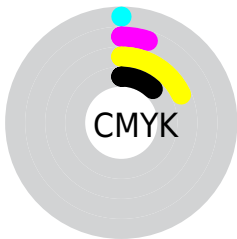
Distribution



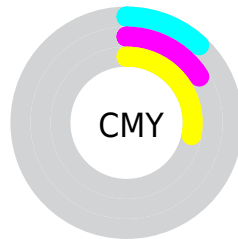
- Red (88%)
- Green (84%)
- Blue (72%)



- Red (78%)
- Yellow (88%)
- Blue (72%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (12%)





- Cyan (12%)
- Magenta (16%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1864, 66.8965, 54.9294 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 63.1864, 66.8965, 54.9294 by changing the saturation by 10% instead.


 63.1864, 66.8965,
54.9294

 63.1864, 66.8965,
54.9294


425.8946,
449.5763, 422.9187

 46.2512, 49.0005,
38.9470


 108.5187,
114.7721, 98.9076

 32.6496, 34.6199,
26.4110


137.6465,
145.5205, 127.7405

 22.0161, 23.3702,
16.9028


171.5693,
181.3218, 161.6940

 13.9854, 14.8671,
10.0040

210.6523,
222.5605, 201.1865

 8.1921, 8.7262,
5.2960

255.2610,
269.6209, 246.6367

 4.2710, 4.5630,
2.3602

305.7607,

 1.8565, 1.9932,

322.8874, 298.4631

0.7646

362.5168,
382.7444, 357.0843

■ 0.5514, 0.6035,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1864, 66.8965,
54.9294

■ 63.1864, 66.8965,
54.9294

■ 59.5029, 62.9941,
43.0200

■ 67.3041, 71.0712,
68.8195

■ 56.2303, 59.3468,
32.9948

■ 71.8676, 75.5172,
84.7721

■ 53.3507, 55.9487,
24.7558

■ 76.8948, 80.2446,
102.8696

■ 50.8428, 52.7903,
18.1942

■ 79.2589, 84.0039,
106.6447

■ 48.6833, 49.8611,
13.1894

■ 81.0787, 87.6436,
107.2513

■ 46.8453, 47.1493,
9.6044

■ 82.9604, 91.4070,
107.8786

■ 45.2977, 44.6412,
7.2783

■ 84.5506, 94.5874,
108.4086

■ 43.9972, 42.3185,
5.9873

■ 43.7364, 41.8390,
5.7706

Harmonies

Analogous

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



66.7139, 66.8965, 56.6531



63.1864, 66.8965, 54.9294



59.8878, 66.8965, 57.6214

Triad

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



63.1864, 66.8965, 54.9294



58.0202, 66.8965, 84.1760



69.9134, 66.8965, 82.0230

Complementary

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



63.1864, 66.8965, 54.9294



52.7365, 54.6010, 78.2809

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.



67.4274, 66.8965, 90.5242



63.1864, 66.8965, 54.9294



60.5519, 66.8965, 91.8467

Square

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



63.1864, 66.8965, 54.9294



56.9761, 66.8965, 73.9834



63.9815, 66.8965, 94.2710



70.6821, 66.8965, 71.7063

Rectangle

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



63.1864, 66.8965, 54.9294



58.2374, 66.8965, 61.7201



63.9815, 66.8965, 94.2710



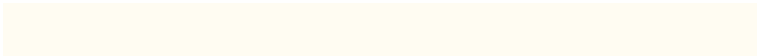
69.2464, 66.8965, 85.2188

Sweetspot

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



63.1882, 66.8995, 54.9308



91.9567, 96.9901, 98.0757



57.7697, 54.0843, 59.2229



19.5921, 20.6709, 20.6789



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.



63.1882, 66.8995, 54.9308



83.0783, 87.9836, 68.1401



63.4302, 71.2700, 55.7617



14.5366, 15.3591, 14.5052



25.5584, 24.5547, 3.3925



1.8452, 1.8492, 0.2597

Inverse Universe

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



52.7365, 54.6010, 78.2809



66.8579, 68.8987, 104.3827



52.5032, 50.9574, 77.5899



13.2571, 13.8534, 17.3629



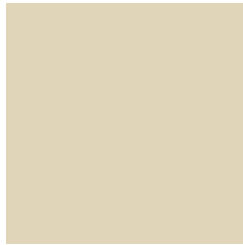
8.9035, 5.2765, 41.5976



0.6909, 0.5132, 2.9079

Previews

White Background



This preview shows how the XYZ color 63.1864, 66.8965, 54.9294 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 63.1864, 66.8965, 54.9294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

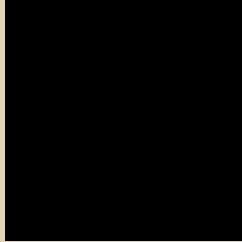
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

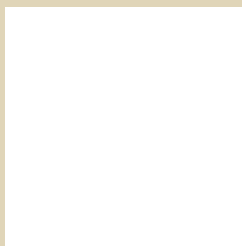
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.1864, 66.8965, 54.9294

Background



This preview shows how black text looks on a background with the XYZ color 63.1864, 66.8965, 54.9294.

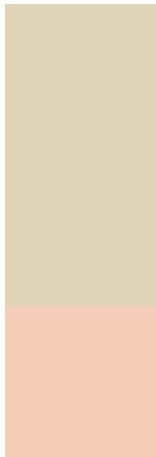


This preview shows how white text looks on a background with the XYZ color 63.1864, 66.8965,

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

63.1864, 66.8965, 54.9294

Protanopia

63.1864, 66.8965, 54.9294

Deuteranopia

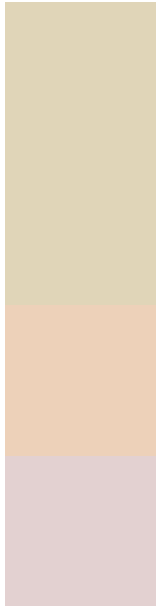
68.1365, 66.8785, 55.2166



Tritanopia

68.0805, 66.6655, 79.8005

Trichromacy



Original Color

63.1864, 66.8965, 54.9294

Protanomaly

63.1864, 66.8965, 54.9294

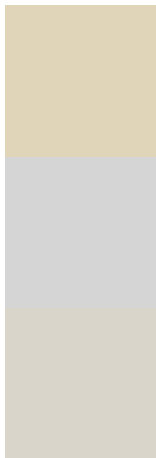
Deuteranomaly

66.4825, 67.1082, 55.3481

Tritanomaly

65.9876, 66.5353, 69.6863

Monochromacy



Original Color

63.1864, 66.8965, 54.9294

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.0702, 66.6045, 65.4089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1864, 66.8965, 54.9294 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(224, 213, 184) looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 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(224, 213, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 184) }
```

Border

The CSS property to change the border of an element to XYZ 63.1864, 66.8965, 54.9294 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(224, 213, 184) }
```


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

```
.border{ border-color:rgb(224, 213, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 213, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 184);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1864, 66.8965, 54.9294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 184) }
```

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

```
.background{ background-color: rgb(224,  
213, 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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