

Converting Colors

XYZ(65.3203, 69.9751, 51.6588)

Have a look what the booklet for
XYZ(65.3203, 69.9751, 51.6588)
contains.

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Color

**XYZ(65.3203, 69.9751,
51.6588)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DAB1
RGB	229, 218, 177
RGB Percent	90%, 85%, 69%
CMY	0.1020, 0.1451, 0.3059
CMYK	0.00, 0.05, 0.23, 0.10
HSL	47°, 50%, 80%
HSV	47°, 23%, 90%
XYZ	65.3203, 69.9751, 51.6588
YIQ	216.6150, 19.7170, -10.4190

Conversions

Conversions Part 2

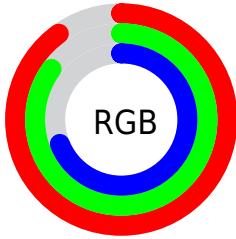
Format	Color
RYB	191, 229, 177
Decimal	15063729
CIELab	86.98, -2.66, 21.57
CIELCh	87, 21.735, 97.032
Yxy	69.9751, 0.3494, 0.3743
Android (android.graphics.Color)	4293253809 (0xFFE5DAB1)
YUV	216.6150, -19.5302, 10.8616
Hunter-Lab	83.6511, -7.0049, 21.9412

Details

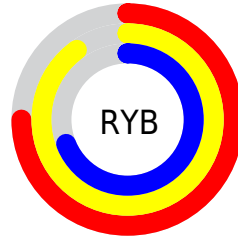
The XYZ color **65.3203, 69.9751, 51.6588** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.2573, 50.9696, 81.3184**, and the grayscale version is **65.8113, 69.2386, 75.4008**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **33.9689, 36.5339, 24.3302** is the 20% darker color. If you saturate the color by 10%, you get **61.9899, 66.6654, 40.2168**, and if you desaturate by 10%, it is **69.0741, 73.5177, 65.1333**.

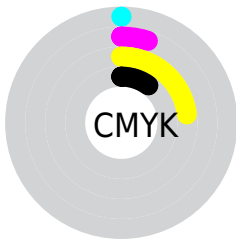
Distribution



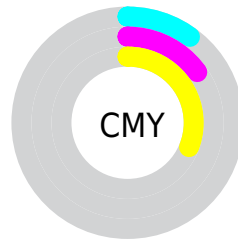
- Red (90%)
- Green (85%)
- Blue (69%)



- Red (75%)
- Yellow (90%)
- Blue (69%)



- Cyan (0%)
- Magenta (5%)
- Yellow (23%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3203, 69.9751, 51.6588 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 65.3203, 69.9751, 51.6588 by changing the saturation by 10% instead.

■ 65.3203, 69.9751,
51.6588

■ 65.3203, 69.9751,
51.6588

433.4691,
460.4626, 410.0374

■ 47.9865, 51.5062,
36.3528

■ 111.5734,
119.1732, 94.0493

■ 34.0274, 36.6117,
24.4150

141.2234,
150.6713, 121.9709

■ 23.0776, 24.9070,
15.4267

175.7095,
187.2812, 154.9348

■ 14.7719, 16.0077,
8.9694

215.3970,
229.3874, 193.3595

■ 8.7447, 9.5296,
4.6247

260.6514,
277.3743, 237.6636

■ 4.6308, 5.0882,
1.9739

311.8380,

■ 2.0648, 2.2991,

331.6261, 288.2655

0.5392

369.3221,
392.5274, 345.5840

■ 0.6700, 0.7732,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.3203, 69.9751,
51.6588

■ 65.3203, 69.9751,
51.6588

■ 61.9899, 66.6654,
40.2168

■ 69.0741, 73.5177,
65.1333

■ 59.0580, 63.5709,
30.7022

■ 73.2640, 77.2914,
80.7295

■ 56.5054, 60.6859,
23.0071

■ 77.9087, 81.3068,
98.5368

■ 54.3090, 58.0005,
17.0111

■ 80.7559, 84.6633,
106.6931

■ 52.4428, 55.5039,
12.5792

■ 82.1798, 87.5111,
107.1677

■ 50.8770, 53.1836,
9.5561

■ 83.6418, 90.4353,
107.6551

■ 49.5757, 51.0247,
7.7540

■ 85.1424, 93.4363,
108.1553

■ 48.7518, 49.5351,
6.9917

■ 86.1233, 95.3981,
108.4822

Harmonies

Analogous

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



70.3948, 69.9751, 53.2238



65.3203, 69.9751, 51.6588



60.7971, 69.9751, 55.9665

Triad

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



65.3203, 69.9751, 51.6588



59.0110, 69.9751, 94.3150



75.9161, 69.9751, 87.6388

Complementary

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



65.3203, 69.9751, 51.6588



50.2573, 50.9696, 81.3184

Split Complementary

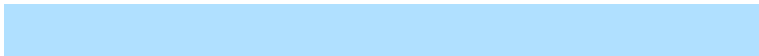
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5684, 69.9751, 100.7809



65.3203, 69.9751, 51.6588



62.7693, 69.9751, 104.9652

Square

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



65.3203, 69.9751, 51.6588



57.2766, 69.9751, 79.6681



67.7125, 69.9751, 107.4705



76.6843, 69.9751, 72.8166

Rectangle

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



65.3203, 69.9751, 51.6588



58.6448, 69.9751, 61.9570



67.7125, 69.9751, 107.4705



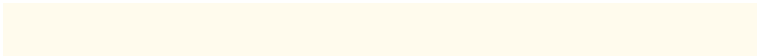
75.0471, 69.9751, 92.4533

Sweetspot

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



65.3221, 69.9782, 51.6603



91.1157, 96.5187, 94.0634



57.1418, 51.7456, 54.7049



19.4328, 20.5962, 19.8735



0.0000, 0.0000, 0.0000



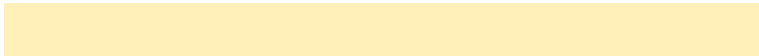
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3221, 69.9782, 51.6603



81.4093, 87.3923, 59.1157



63.7652, 73.5497, 52.4317



15.3294, 16.2726, 15.2374



27.9641, 28.5024, 4.0276



2.1313, 2.2360, 0.3193

Inverse Universe

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



50.2573, 50.9696, 81.3184



59.1548, 59.3152, 102.9389



51.5366, 48.2741, 80.7307



13.8286, 14.3785, 18.1908



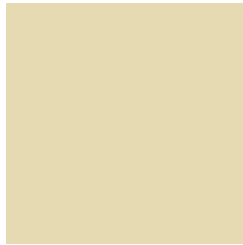
8.7711, 4.6043, 42.8096



0.7147, 0.4734, 3.1857

Previews

White Background



This preview shows how the XYZ color 65.3203, 69.9751, 51.6588 looks on a white background.

Color Contrast Check

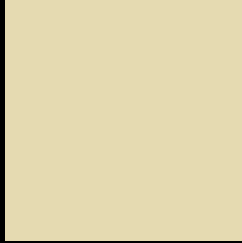
Large Text (above 18pt) WCAG AA × Fail

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 65.3203, 69.9751, 51.6588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

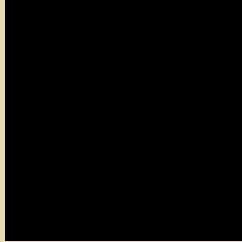
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3203, 69.9751, 51.6588

Background



This preview shows how black text looks on a background with the XYZ color 65.3203, 69.9751, 51.6588.



This preview shows how white text looks on a background with the XYZ color 65.3203, 69.9751,

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

65.3203, 69.9751, 51.6588

Protanopia

65.7037, 69.7890, 51.6026

Deuteranopia

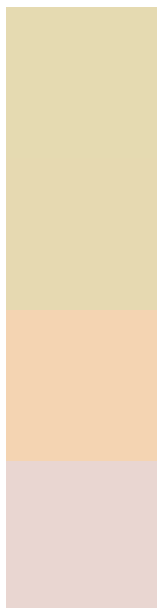
71.0820, 69.5510, 52.3261



Tritanopia

71.5588, 69.8521, 83.1100

Trichromacy



Original Color

65.3203, 69.9751, 51.6588

Protanomaly

65.3818, 69.6230, 51.5876

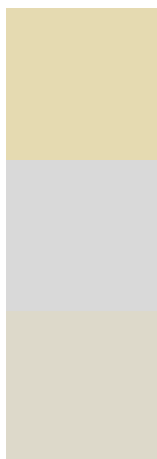
Deuteranomaly

68.8876, 69.5344, 51.9102

Tritanomaly

69.1595, 70.0202, 70.1918

Monochromacy



Original Color

65.3203, 69.9751, 51.6588

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.2923, 69.2621, 65.8048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3203, 69.9751, 51.6588 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(229, 218, 177)` looks like.

```
.text, #text, p{  
    color:rgb(229, 218, 177)  
}
```

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(229, 218, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 218, 177) }
```

Border

The CSS property to change the border of an element to XYZ 65.3203, 69.9751, 51.6588 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(229, 218, 177) }
```


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

```
.border{ border-color:rgb(229, 218, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 218, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 218, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 218, 177);  
box-shadow:4px 4px 4px 4px rgb(229, 218,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3203, 69.9751, 51.6588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 218, 177) }
```

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

```
.background{ background-color: rgb(229,  
218, 177) }
```

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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