

Converting Colors

XYZ(63.5197, 65.9670, 51.4754)

Have a look what the booklet for
XYZ(63.5197, 65.9670, 51.4754)
contains.

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Color

**XYZ(63.7156, 66.1305,
51.5258)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D2B2
RGB	230, 210, 178
RGB Percent	90%, 82%, 70%
CMY	0.0980, 0.1764, 0.3020
CMYK	0.00, 0.09, 0.23, 0.10
HSL	37°, 51%, 80%
HSV	37°, 23%, 90%
XYZ	63.7156, 66.1305, 51.5258
YIQ	212.3320, 22.1920, -5.7120

Conversions

Conversions Part 2

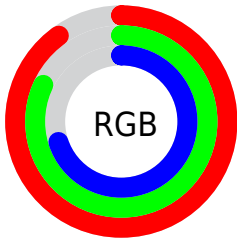
Format	Color
R _Y B	211, 230, 178
Decimal	15127218
CIE Lab	85.06, 1.98, 18.39
CIE LCh	85, 18.499, 83.859
Yxy	66.1305, 0.3513, 0.3646
Android (android.graphics.Color)	4293317298 (0xFFE6D2B2)
YUV	212.3320, -16.9257, 15.4948
Hunter-Lab	81.3207, -2.4545, 19.3576

Details

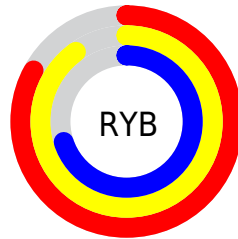
The XYZ color **63.7156, 66.1305, 51.5258** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.8368, 55.5650, 82.8036**, and the grayscale version is **62.9004, 66.1761, 72.0658**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **33.0457, 34.2563, 24.2725** is the 20% darker color. If you saturate the color by 10%, you get **59.4742, 61.0383, 39.6581**, and if you desaturate by 10%, it is **68.4685, 71.6249, 65.4758**.

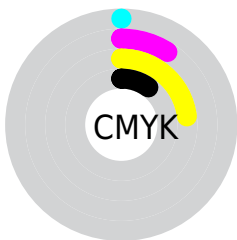
Distribution



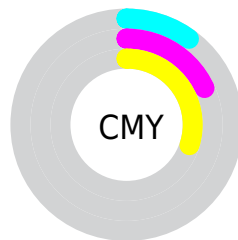
- Red (90%)
- Green (82%)
- Blue (70%)



- Red (83%)
- Yellow (90%)
- Blue (70%)



- Cyan (0%)
- Magenta (9%)
- Yellow (23%)
- Black (10%)



- Cyan (10%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7156, 66.1305, 51.5258 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 63.7156, 66.1305, 51.5258 by changing the saturation by 10% instead.

■ 63.7156, 66.1305,
51.5258

■ 63.7156, 66.1305,
51.5258

427.7804,
446.8434, 409.5079

■ 46.6812, 48.3783,
36.2476

■ 109.2773,
113.6736, 93.8510

■ 32.9906, 34.1266,
24.3343

138.5353,
144.2334, 121.7350

■ 22.2784, 22.9909,
15.3673

172.5985,
179.8311, 154.6581

■ 14.1794, 14.5868,
8.9281

211.8323,
220.8512, 193.0388

■ 8.3281, 8.5299,
4.5981

256.6020,
267.6781, 237.2955

■ 4.3591, 4.4358,
1.9589

307.2730,

■ 1.9073, 1.9202,

320.6962, 287.8470

0.5298

364.2107,
380.2898, 345.1116

■ 0.5810, 0.5605,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7156, 66.1305,
51.5258

■ 63.7156, 66.1305,
51.5258

■ 59.4742, 61.0383,
39.6581

■ 68.4685, 71.6249,
65.4758

■ 55.7177, 56.3279,
29.7661

■ 73.7474, 77.5235,
81.5990

■ 52.4250, 51.9898,
21.7404

■ 79.5727, 83.8398,
99.9860

■ 49.5710, 48.0108,
15.4588

■ 83.4514, 89.5794,
107.4999

■ 47.1277, 44.3763,
10.7844

■ 86.1970, 95.0704,
108.4151

■ 45.0633, 41.0702,
7.5599

■ 86.4433, 95.5631,
108.4972

■ 43.3396, 38.0737,
5.5951

■ 42.2409, 36.0382,
4.7297

Harmonies

Analogous

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



67.6969, 66.1305, 55.0276



63.7156, 66.1305, 51.5258



59.6715, 66.1305, 53.0022

Triad

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



63.7156, 66.1305, 51.5258



55.8126, 66.1305, 81.6848



69.5459, 66.1305, 86.3946

Complementary

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



63.7156, 66.1305, 51.5258



52.8368, 55.5650, 82.8036

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.



66.1499, 66.1305, 95.0801



63.7156, 66.1305, 51.5258



58.2497, 66.1305, 92.1577

Square

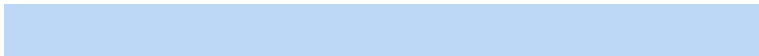
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.7156, 66.1305, 51.5258



55.2250, 66.1305, 69.5793



62.0023, 66.1305, 97.2974



71.1574, 66.1305, 74.4862

Rectangle

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



63.7156, 66.1305, 51.5258



57.4685, 66.1305, 56.7027



62.0023, 66.1305, 97.2974



68.5681, 66.1305, 89.8386

Sweetspot

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



63.7173, 66.1335, 51.5272



90.1573, 94.6018, 93.7439



58.8398, 52.7789, 60.9981



19.2105, 20.1516, 19.7994



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.



63.7173, 66.1335, 51.5272



78.0070, 80.5879, 57.9816



67.3222, 75.7839, 53.1999



15.1118, 15.8376, 15.1649



24.0361, 20.6464, 2.7183



1.8655, 1.7042, 0.2306

Inverse Universe

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



52.8368, 55.5650, 82.8036



62.0361, 65.0778, 103.8994



49.7802, 47.6467, 81.4363



14.0349, 14.7912, 18.2596



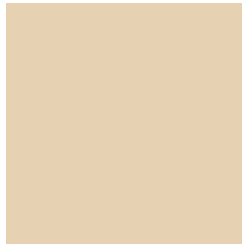
10.1921, 7.4463, 43.2833



0.8409, 0.7257, 3.2277

Previews

White Background



This preview shows how the XYZ color 63.7156, 66.1305, 51.5258 looks on a white background.

Color Contrast Check

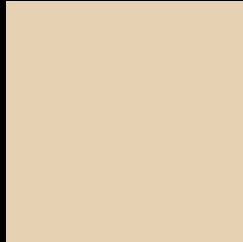
Large Text (above 18pt) WCAG AA × Fail

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 63.7156, 66.1305, 51.5258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

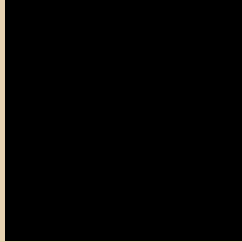
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7156, 66.1305, 51.5258

Background



This preview shows how black text looks on a background with the XYZ color 63.7156, 66.1305, 51.5258.



This preview shows how white text looks on a background with the XYZ color 63.7156, 66.1305,

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

63.7156, 66.1305, 51.5258

Protanopia

62.4206, 66.1889, 52.1336

Deuteranopia

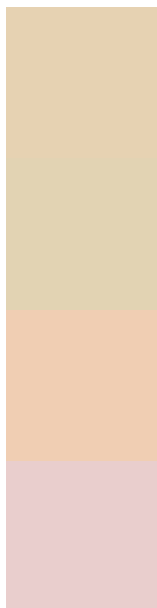
67.3857, 65.8529, 51.8071



Tritanopia

68.7721, 66.0152, 76.8277

Trichromacy



Original Color

63.7156, 66.1305, 51.5258

Protanomaly

62.7950, 66.0120, 52.0798

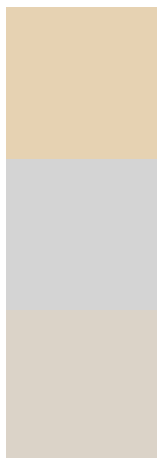
Deuteranomaly

66.1432, 65.9226, 51.8860

Tritanomaly

66.6950, 65.8740, 66.9574

Monochromacy



Original Color

63.7156, 66.1305, 51.5258

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.9330, 65.8187, 64.0309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7156, 66.1305, 51.5258 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(230, 210, 178)` looks like.

```
.text, #text, p{  
    color:rgb(230, 210, 178)  
}
```

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(230, 210, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 210, 178) }
```

Border

The CSS property to change the border of an element to XYZ 63.7156, 66.1305, 51.5258 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(230, 210, 178) }
```


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

```
.border{ border-color:rgb(230, 210, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 210, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 210, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 210, 178);  
box-shadow:4px 4px 4px 4px rgb(230, 210,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7156, 66.1305, 51.5258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 210, 178) }
```

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

```
.background{ background-color: rgb(230,  
210, 178) }
```

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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