

Converting Colors

XYZ(66.2501, 67.4417, 56.0772)

Have a look what the booklet for
XYZ(66.2501, 67.4417, 56.0772)
contains.

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Color

**XYZ(66.1705, 67.3005,
55.9571)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD2BA
RGB	235, 210, 186
RGB Percent	92%, 82%, 73%
CMY	0.0784, 0.1764, 0.2706
CMYK	0.00, 0.11, 0.21, 0.08
HSL	29°, 55%, 83%
HSV	29°, 21%, 92%
XYZ	66.1705, 67.3005, 55.9571
YIQ	214.7390, 22.6040, -2.1640

Conversions

Conversions Part 2

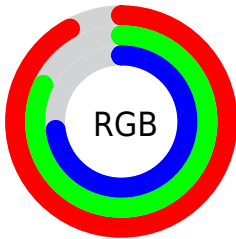
Format	Color
R _Y B	235, 233, 186
Decimal	15454906
CIE Lab	85.66, 4.97, 15.07
CIE LCh	86, 15.868, 71.731
Yxy	67.3005, 0.3493, 0.3553
Android (android.graphics.Color)	4293644986 (0xFFEBD2BA)
YUV	214.7390, -14.1683, 17.7689
Hunter-Lab	82.0369, 0.4126, 16.9843

Details

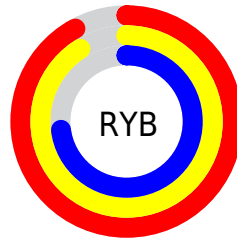
The XYZ color **66.1705, 67.3005, 55.9571** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.5390, 63.0244, 87.6774**, and the grayscale version is **64.4983, 67.8573, 73.8966**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **34.7125, 35.0541, 27.1269** is the 20% darker color. If you saturate the color by 10%, you get **61.0257, 60.6852, 42.9137**, and if you desaturate by 10%, it is **71.9516, 74.5297, 71.2412**.

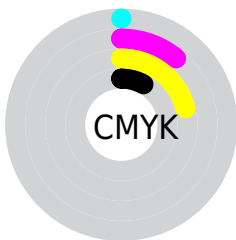
Distribution



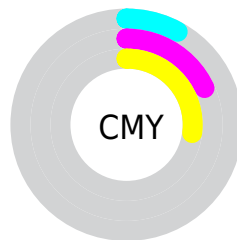
- Red (92%)
- Green (82%)
- Blue (73%)



- Red (92%)
- Yellow (91%)
- Blue (73%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (8%)





- Cyan (8%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1705, 67.3005, 55.9571 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 66.1705, 67.3005, 55.9571 by changing the saturation by 10% instead.


 66.1705, 67.3005,
55.9571

 66.1705, 67.3005,
55.9571

436.4654,
451.0137, 426.9136

 48.6790, 49.3289,
39.7648

 112.7874,
115.3509, 100.4270

 34.5784, 34.8804,
27.0428


142.6435,
146.1984, 129.5417

 23.5033, 23.5708,
17.3726


177.3519,
182.1068, 163.8009

 15.0883, 15.0155,
10.3358

217.2780,
223.4602, 203.6231

 8.9681, 8.8303,
5.5136

262.7870,
270.6433, 249.4270

 4.7773, 4.6307,
2.4877

314.2443,

 2.1506, 2.0322,

324.0403, 301.6310

0.8336

372.0153,
384.0356, 360.6537

■ 0.7165, 0.6261,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.1705, 67.3005,
55.9571

■ 66.1705, 67.3005,
55.9571

■ 61.0257, 60.6852,
42.9137

■ 71.9516, 74.5297,
71.2412

■ 56.4868, 54.6570,
31.9993

■ 78.3869, 82.3804,
88.8617

■ 52.5289, 49.2003,
23.0994

■ 85.2575, 90.7748,
107.6355

■ 49.1230, 44.2951,
16.0863

■ 88.0712, 96.4023,
108.5734

■ 46.2370, 39.9200,
10.8178

■ 43.8348, 36.0516,
7.1310

■ 41.8739, 32.6636,
4.8318

■ 40.4061, 29.9521,
3.6517

Harmonies

Analogous

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



69.2949, 67.3005, 60.8129



66.1705, 67.3005, 55.9571



62.5645, 67.3005, 55.4677

Triad

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



66.1705, 67.3005, 55.9571



57.4010, 67.3005, 77.4004



68.7054, 67.3005, 89.1584

Complementary

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



66.1705, 67.3005, 55.9571



58.5390, 63.0244, 87.6774

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.



65.3905, 67.3005, 94.5449



66.1705, 67.3005, 55.9571



58.9196, 67.3005, 87.3415

Square

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



66.1705, 67.3005, 55.9571



57.5921, 67.3005, 67.2150



61.8132, 67.3005, 93.8503



70.7960, 67.3005, 79.6968

Rectangle

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



66.1705, 67.3005, 55.9571



60.3812, 67.3005, 57.6206



61.8132, 67.3005, 93.8503



67.6922, 67.3005, 91.5441

Sweetspot

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



66.1723, 67.3035, 55.9585



90.2441, 94.1745, 95.6257



63.6182, 57.4999, 69.5827



19.2078, 20.0251, 20.1721



0.0000, 0.0000, 0.0000



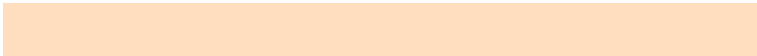
20.3446, 21.4041, 23.3091

Same Dimension

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



66.1723, 67.3035, 55.9585



76.9206, 77.5307, 60.3454



72.5996, 80.1581, 58.1009



15.6747, 16.2725, 15.8335



22.6148, 16.9238, 2.0747



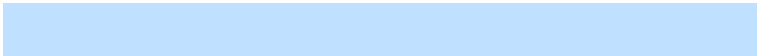
1.8719, 1.5211, 0.1949

Inverse Universe

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



58.5390, 63.0244, 87.6774



66.1926, 71.5164, 104.9231



52.9774, 51.9011, 85.8235



14.8665, 15.8194, 19.1922



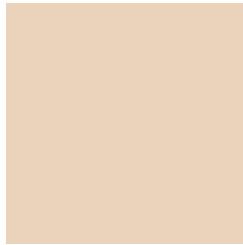
12.2037, 11.0543, 45.2335



1.0546, 1.0606, 3.5840

Previews

White Background



This preview shows how the XYZ color 66.1705, 67.3005, 55.9571 looks on a white background.

Color Contrast Check

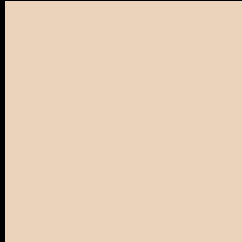
Large Text (above 18pt) WCAG AA × Fail

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 66.1705, 67.3005, 55.9571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

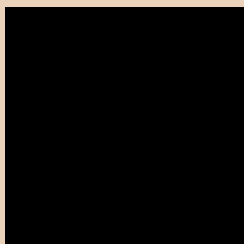
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1705, 67.3005, 55.9571

Background



This preview shows how black text looks on a background with the XYZ color 66.1705, 67.3005, 55.9571.



This preview shows how white text looks on a background with the XYZ color 66.1705, 67.3005,

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

66.1705, 67.3005, 55.9571

Protanopia

63.8641, 67.5713, 57.2535

Deuteranopia

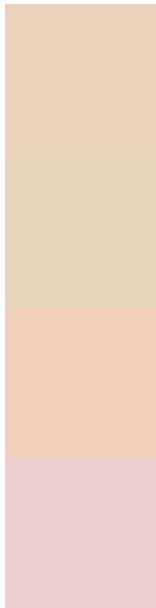
68.6971, 67.1429, 56.3529



Tritanopia

70.4791, 67.2338, 77.6694

Trichromacy



Original Color

66.1705, 67.3005, 55.9571

Protanomaly

64.7588, 67.6703, 56.6622

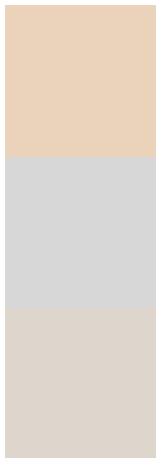
Deuteranomaly

67.5581, 66.9143, 56.3688

Tritanomaly

68.9579, 67.3569, 69.0412

Monochromacy



Original Color

66.1705, 67.3005, 55.9571

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.8175, 67.4777, 66.7350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1705, 67.3005, 55.9571 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(235, 210, 186)` looks like.

```
.text, #text, p{  
    color:rgb(235, 210, 186)  
}
```

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(235, 210, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 210, 186) }
```

Border

The CSS property to change the border of an element to XYZ 66.1705, 67.3005, 55.9571 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(235, 210, 186) }
```


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

```
.border{ border-color:rgb(235, 210, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 210, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 210, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 210, 186);  
box-shadow:4px 4px 4px 4px rgb(235, 210,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1705, 67.3005, 55.9571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 210, 186) }
```

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

```
.background{ background-color: rgb(235,  
210, 186) }
```

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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