

Converting Colors

XYZ(63.6583, 65.6401, 55.7690)

Have a look what the booklet for
XYZ(63.6583, 65.6401, 55.7690)
contains.

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Color

**XYZ(63.6583, 65.6401,
55.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D1BA
RGB	228, 209, 186
RGB Percent	89%, 82%, 73%
CMY	0.1059, 0.1804, 0.2706
CMYK	0.00, 0.08, 0.18, 0.11
HSL	33°, 44%, 81%
HSV	33°, 18%, 89%
XYZ	63.6583, 65.6401, 55.7690
YIQ	212.0590, 18.7070, -3.1250

Conversions

Conversions Part 2

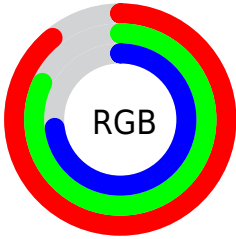
Format	Color
R _Y B	221, 228, 186
Decimal	14995898
CIE Lab	84.81, 2.93, 13.79
CIE LCh	85, 14.102, 78.020
Yxy	65.6401, 0.3440, 0.3547
Android (android.graphics.Color)	4293185978 (0xFFE4D1BA)
YUV	212.0590, -12.8471, 13.9803
Hunter-Lab	81.0186, -1.5306, 15.9008

Details

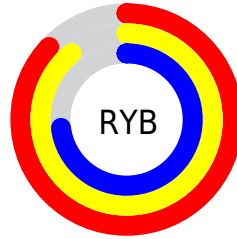
The XYZ color **63.6583, 65.6401, 55.7690** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0843, 59.7018, 81.9669**, and the grayscale version is **62.6940, 65.9590, 71.8293**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **32.9682, 33.9068, 26.9974** is the 20% darker color. If you saturate the color by 10%, you get **58.9771, 59.8518, 43.1892**, and if you desaturate by 10%, it is **68.8936, 71.9166, 70.4431**.

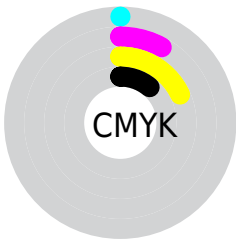
Distribution



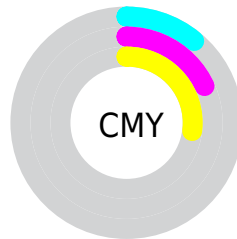
- Red (89%)
- Green (82%)
- Blue (73%)



- Red (87%)
- Yellow (89%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (18%)
- Black (11%)




- Cyan (11%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6583, 65.6401, 55.7690 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 63.6583, 65.6401, 55.7690 by changing the saturation by 10% instead.


 63.6583, 65.6401,
55.7690

 63.6583, 65.6401,
55.7690


427.5765,
445.0887, 426.1842

 46.6346, 47.9803,
39.6150


 109.1952,
112.9696, 100.1492

 32.9536, 33.8113,
26.9270


138.4391,
143.4081, 129.2124

 22.2500, 22.7487,
17.2864

172.4871,
178.8750, 163.4158

 14.1583, 14.4080,
10.2748

211.7046,
219.7547, 203.1779

 8.3133, 8.4050,
5.4736

256.4569,
266.4314, 248.9173

 4.3496, 4.3552,
2.4642

307.1094,

 1.9017, 1.8742,

319.2898, 301.0524

0.8211

364.0275,
378.7140, 360.0019

■ 0.5778, 0.5328,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.6583, 65.6401,
55.7690

■ 63.6583, 65.6401,
55.7690

■ 58.9771, 59.8518,
43.1892

■ 68.8936, 71.9166,
70.4431

■ 54.8233, 54.5293,
32.6021

■ 74.6978, 78.6852,
87.2984

■ 51.1759, 49.6614,
23.9040

■ 81.0917, 85.9611,
106.4218

■ 48.0097, 45.2329,
16.9796

■ 84.3094, 92.2426,
107.9688

■ 45.2975, 41.2273,
11.7013

■ 85.8051, 95.2341,
108.4673

■ 43.0084, 37.6269,
7.9240

■ 41.1066, 34.4115,
5.4765

■ 39.5412, 31.5548,
4.1100

■ 39.3139, 31.1316,
3.9369

Harmonies

Analogous

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



66.5406, 65.6401, 59.3037



63.6583, 65.6401, 55.7690



60.5288, 65.6401, 56.1720

Triad

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



63.6583, 65.6401, 55.7690



56.7892, 65.6401, 76.9883



67.0140, 65.6401, 83.7493

Complementary

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



63.6583, 65.6401, 55.7690



56.0843, 59.7018, 81.9669

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.



64.2868, 65.6401, 89.3224



63.6583, 65.6401, 55.7690



58.4137, 65.6401, 85.1979

Square

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



63.6583, 65.6401, 55.7690



56.6338, 65.6401, 67.9204



61.1366, 65.6401, 89.8739



68.5213, 65.6401, 75.1430

Rectangle

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



63.6583, 65.6401, 55.7690



58.7220, 65.6401, 58.6239



61.1366, 65.6401, 89.8739



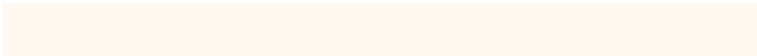
66.2054, 65.6401, 86.0698

Sweetspot

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



63.6601, 65.6430, 55.7704



90.5157, 94.7176, 95.7162



60.6465, 56.0494, 65.7610



19.2719, 20.1534, 20.1935



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.



63.6601, 65.6430, 55.7704



79.7305, 81.7655, 65.5520



68.1594, 75.2984, 57.3969



15.0280, 15.6699, 15.1370



22.8212, 18.2166, 2.3133



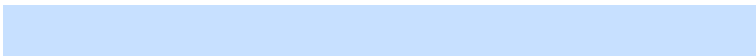
1.7789, 1.5312, 0.2018

Inverse Universe

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



56.0843, 59.7018, 81.9669



68.3056, 72.8063, 105.0607



52.1548, 51.3355, 80.5591



14.1170, 14.9553, 18.2870



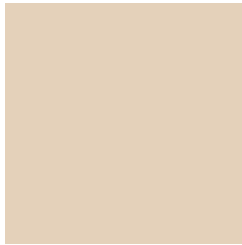
11.0086, 9.0793, 43.5554



0.9052, 0.8544, 3.2492

Previews

White Background



This preview shows how the XYZ color 63.6583, 65.6401, 55.7690 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 63.6583, 65.6401, 55.7690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

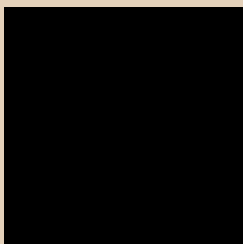
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

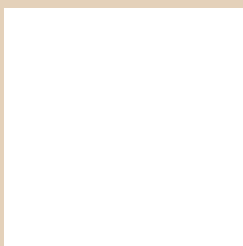
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6583, 65.6401, 55.7690

Background



This preview shows how black text looks on a background with the XYZ color 63.6583, 65.6401, 55.7690.



This preview shows how white text looks on a background with the XYZ color 63.6583, 65.6401,

55.7690.

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

63.6583, 65.6401, 55.7690

Protanopia

62.0827, 65.5485, 56.3937

Deuteranopia

66.8381, 65.4744, 56.1288



Tritanopia

67.7898, 65.5088, 76.7817

Trichromacy



Original Color

63.6583, 65.6401, 55.7690

Protanomaly

62.7567, 65.5283, 56.3543

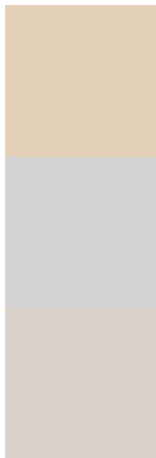
Deuteranomaly

65.6330, 65.5633, 56.2095

Tritanomaly

66.4115, 65.6856, 68.8528

Monochromacy



Original Color

63.6583, 65.6401, 55.7690

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.9872, 65.8058, 65.8819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6583, 65.6401, 55.7690 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(228, 209, 186)` looks like.

```
.text, #text, p{  
    color:rgb(228, 209, 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(228, 209, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 209, 186) }
```

Border

The CSS property to change the border of an element to XYZ 63.6583, 65.6401, 55.7690 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(228, 209, 186) }
```


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

```
.border{ border-color:rgb(228, 209, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 209, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 209, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 209, 186);  
box-shadow:4px 4px 4px 4px rgb(228, 209,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6583, 65.6401, 55.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 209, 186) }
```

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

```
.background{ background-color: rgb(228,  
209, 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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