

Converting Colors

XYZ(56.4096, 55.5765, 45.7844)

Have a look what the booklet for
XYZ(56.4096, 55.5765, 45.7844)
contains.

XYZ(56.4096, 55.5765, 45.7844)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.4096, 55.5765,
45.7844)**

Conversions

Conversions Part 1

Format	Color
Hex	E0BEAA
RGB	224, 190, 170
RGB Percent	88%, 75%, 67%
CMY	0.1216, 0.2549, 0.3333
CMYK	0.00, 0.15, 0.24, 0.12
HSL	22°, 47%, 77%
HSV	22°, 24%, 88%
XYZ	56.4096, 55.5765, 45.7844
YIQ	197.8860, 26.6840, 0.9880

Conversions

Conversions Part 2

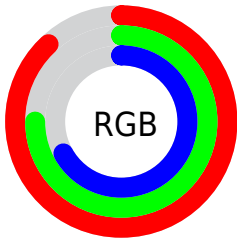
Format	Color
R_{YB}	224, 202, 170
Decimal	14728874
CIE Lab	79.37, 9.10, 14.60
CIE LCh	79, 17.202, 58.066
Yxy	55.5765, 0.3575, 0.3523
Android (android.graphics.Color)	4292918954 (0xFFE0BEAA)
YUV	197.8860, -13.7478, 22.9020
Hunter-Lab	74.5496, 4.6040, 15.7720

Details

The XYZ color **56.4096, 55.5765, 45.7844** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **51.6244, 57.1119, 78.8240**, and the grayscale version is **53.6780, 56.4734, 61.4996**.

A 20% lighter version of the original color is **87.7864, 92.6078, 84.4824**, and **28.3641, 27.5242, 20.9573** is the 20% darker color. If you saturate the color by 10%, you get **51.5608, 48.9858, 34.5895**, and if you desaturate by 10%, it is **61.9180, 62.9078, 58.9817**.

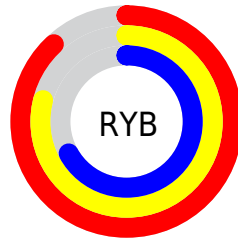
Distribution



Red (88%)

Green (75%)

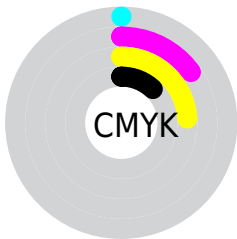
Blue (67%)



Red (88%)

Yellow (79%)

Blue (67%)

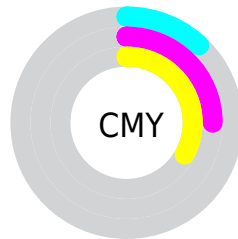


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (12%)



Cyan (12%)


Magenta (25%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4096, 55.5765, 45.7844 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 56.4096, 55.5765, 45.7844 by changing the saturation by 10% instead.


 56.4096, 55.5765,
45.7844

 56.4096, 55.5765,
45.7844


401.2833,
408.0935, 386.1936

 40.7697, 39.8635,
31.7283


 98.7395, 98.3851,
85.2271

 28.3261, 27.4321,
20.8909


126.1603,
126.2495, 111.4508

 18.7133, 17.8980,
12.8538

158.2387,
158.9331, 142.5674

 11.5661, 10.8768,
7.1984

195.3402,
196.8203, 178.9955

 6.5190, 5.9840,
3.5062

237.8300,
240.2956, 221.1537

 3.2068, 2.8354,
1.3586

286.0736,

 1.2640, 1.0464,

289.7433, 269.4603

0.1091

340.4362,
345.5478, 324.3341

■ 0.1561, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4096, 55.5765,
45.7844

■ 56.4096, 55.5765,
45.7844

■ 51.5608, 48.9858,
34.5895

■ 61.9180, 62.9078,
58.9817

■ 47.3406, 43.1041,
25.2944

■ 68.1065, 70.9948,
74.2701

■ 43.7217, 37.9085,
17.7924

■ 75.0003, 79.8620,
91.7372

■ 40.6731, 33.3719,
11.9651

■ 81.8720, 89.2303,
107.5158

■ 38.1604, 29.4650,
7.6792

■ 84.5506, 94.5873,
108.4086

■ 36.1448, 26.1561,
4.7809

■ 34.5807, 23.4093,
3.0835

■ 33.8325, 22.0312,
2.4693

Harmonies

Analogous

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



58.8941, 55.5765, 52.0105



56.4096, 55.5765, 45.7844



53.0479, 55.5765, 43.4478

Triad

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



56.4096, 55.5765, 45.7844



46.4695, 55.5765, 59.8748



56.0056, 55.5765, 78.8664

Complementary

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



56.4096, 55.5765, 45.7844



51.6244, 57.1119, 78.8240

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.



52.6003, 55.5765, 81.5481



56.4096, 55.5765, 45.7844



47.1856, 55.5765, 69.8959

Square

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



56.4096, 55.5765, 45.7844



47.3935, 55.5765, 51.0135



49.3933, 55.5765, 78.1042



58.6538, 55.5765, 71.1250

Rectangle

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



56.4096, 55.5765, 45.7844



50.7939, 55.5765, 44.1941



49.3933, 55.5765, 78.1042



54.9071, 55.5765, 80.4241

Sweetspot

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



56.4111, 55.5790, 45.7856



88.8273, 91.9418, 93.3006



56.0387, 48.9666, 63.7510



18.9026, 19.5358, 19.6968



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.



56.4111, 55.5790, 45.7856



72.2502, 69.9274, 53.4323



62.7578, 68.2726, 47.9011



14.1210, 14.5281, 14.3667



19.7939, 13.0258, 1.4710



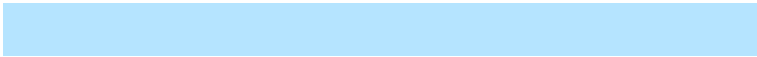
1.4557, 1.0703, 0.1299

Inverse Universe

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



51.6244, 57.1119, 78.8240



64.7526, 72.3194, 105.1540



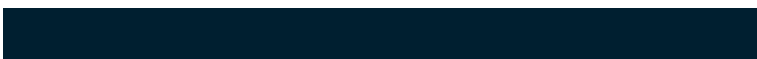
45.7944, 45.4519, 76.8807



13.6675, 14.6742, 17.4997



13.4907, 14.4510, 43.1266



1.0199, 1.1713, 3.0176

Previews

White Background



This preview shows how the XYZ color 56.4096, 55.5765, 45.7844 looks on a white background.

Color Contrast Check

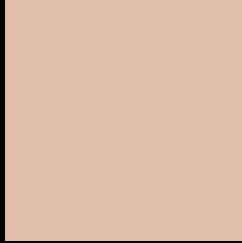
Large Text (above 18pt) WCAG AA × Fail

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 56.4096, 55.5765, 45.7844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

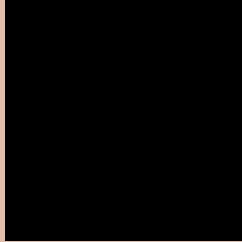
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4096, 55.5765, 45.7844

Background



This preview shows how black text looks on a background with the XYZ color 56.4096, 55.5765, 45.7844.



This preview shows how white text looks on a background with the XYZ color 56.4096, 55.5765,

45.7844.

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

56.4096, 55.5765, 45.7844

Protanopia

52.7364, 55.6188, 47.4912

Deuteranopia

56.5046, 55.3050, 45.7270



Tritanopia

59.9791, 55.7819, 62.2493

Trichromacy



Original Color

56.4096, 55.5765, 45.7844

Protanomaly

54.1788, 55.7083, 46.9270

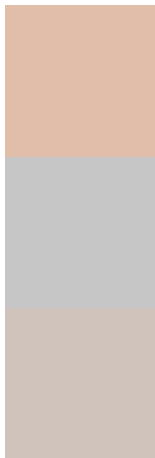
Deuteranomaly

56.5046, 55.3050, 45.7270

Tritanomaly

58.6342, 55.5457, 55.7751

Monochromacy



Original Color

56.4096, 55.5765, 45.7844

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.3243, 55.9265, 55.5086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4096, 55.5765, 45.7844 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, 190, 170)` looks like.

```
.text, #text, p{  
    color:rgb(224, 190, 170)  
}
```

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, 190, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 190, 170) }
```

Border

The CSS property to change the border of an element to XYZ 56.4096, 55.5765, 45.7844 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, 190, 170) }
```


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

```
.border{ border-color:rgb(224, 190, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 190, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 190, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 190, 170);  
box-shadow:4px 4px 4px 4px rgb(224, 190,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4096, 55.5765, 45.7844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 190, 170) }
```

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

```
.background{ background-color: rgb(224,  
190, 170) }
```

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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