

Converting Colors

XYZ(56.6181, 56.6132, 46.1650)

Have a look what the booklet for
XYZ(56.6181, 56.6132, 46.1650)
contains.

XYZ(56.7571, 56.7302, 45.9888)	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(56.7571, 56.7302,
45.9888)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC1AA
RGB	223, 193, 170
RGB Percent	87%, 76%, 67%
CMY	0.1255, 0.2431, 0.3333
CMYK	0.00, 0.13, 0.24, 0.13
HSL	26°, 45%, 77%
HSV	26°, 24%, 87%
XYZ	56.7571, 56.7302, 45.9888
YIQ	199.3480, 25.2630, -0.7930

Conversions

Conversions Part 2

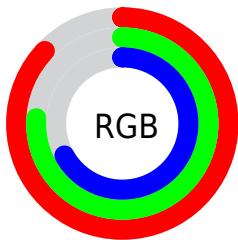
Format	Color
R_{YB}	223, 211, 170
Decimal	14664106
CIE Lab	80.03, 7.13, 15.51
CIE LCh	80, 17.069, 65.291
Yxy	56.7302, 0.3559, 0.3557
Android (android.graphics.Color)	4292854186 (0xFFDFC1AA)
YUV	199.3480, -14.4686, 20.7428
Hunter-Lab	75.3195, 2.6999, 16.5221

Details

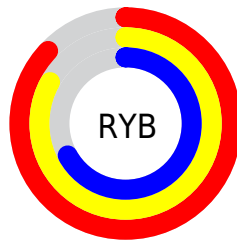
The XYZ color **56.7571, 56.7302, 45.9888** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **50.5507, 55.1808, 77.7990**, and the grayscale version is **54.5755, 57.4177, 62.5279**.

A 20% lighter version of the original color is **88.7063, 94.4476, 84.7891**, and **28.5844, 28.2797, 21.0915** is the 20% darker color. If you saturate the color by 10%, you get **52.1523, 50.6148, 34.9142**, and if you desaturate by 10%, it is **61.9609, 63.4701, 59.0298**.

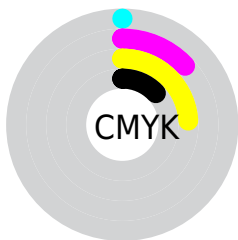
Distribution



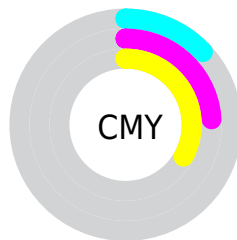
- Red (87%)
- Green (76%)
- Blue (67%)



- Red (87%)
- Yellow (83%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7571, 56.7302, 45.9888 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 56.7571, 56.7302, 45.9888 by changing the saturation by 10% instead.


 56.7571, 56.7302,
45.9888

 56.7571, 56.7302,
45.9888


402.5674,
412.4376, 387.0399

 41.0496, 40.7887,
31.8884


 99.2441, 100.0714,
85.5363

 28.5457, 28.1540,
21.0121


126.7543,
128.2399, 111.8205

 18.8800, 18.4418,
12.9415


158.9295,
161.2528, 143.0031

 11.6871, 11.2676,
7.2581

196.1350,
199.4945, 179.5025

 6.6017, 6.2471,
3.5431

238.7362,
243.3494, 221.7374

 3.2583, 2.9959,
1.3782

287.0984,

 1.2918, 1.1296,

293.2020, 270.1262

0.1246

341.5871,
349.4366, 325.0875

■ 0.1771, 0.0031,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7571, 56.7302,
45.9888

■ 56.7571, 56.7302,
45.9888

■ 52.1523, 50.6148,
34.9142

■ 61.9609, 63.4701,
59.0298

■ 48.1180, 45.0972,
25.7053

■ 67.7817, 70.8450,
74.1239

■ 44.6300, 40.1598,
18.2580

■ 74.2422, 78.8746,
91.3568

■ 41.6603, 35.7810,
12.4563

■ 80.6786, 87.3021,
107.2065

■ 39.1777, 31.9378,
8.1699

■ 84.2416, 94.4280,
108.3942

■ 37.1472, 28.6048,
5.2486

■ 35.5272, 25.7536,
3.5104

■ 34.6871, 24.1992,
2.8427

Harmonies

Analogous

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



59.5505, 56.7302, 51.3765



56.7571, 56.7302, 45.9888



53.3075, 56.7302, 44.6324

Triad

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



56.7571, 56.7302, 45.9888



47.5470, 56.7302, 63.5482



57.8668, 56.7302, 78.7122

Complementary

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



56.7571, 56.7302, 45.9888



50.5507, 55.1808, 77.7990

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.



54.5379, 56.7302, 82.8124



56.7571, 56.7302, 45.9888



48.6567, 56.7302, 73.4774

Square

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



56.7571, 56.7302, 45.9888



48.0845, 56.7302, 54.1230



51.1797, 56.7302, 80.8012



60.2102, 56.7302, 70.1044

Rectangle

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



56.7571, 56.7302, 45.9888



51.1204, 56.7302, 46.0563



51.1797, 56.7302, 80.8012



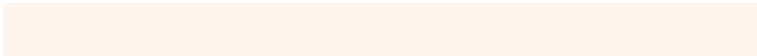
56.8208, 56.7302, 80.7030

Sweetspot

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



56.7586, 56.7328, 45.9900



89.1695, 92.6262, 93.4146



55.2359, 48.6098, 61.1359



18.9817, 19.6941, 19.7232



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.



56.7586, 56.7328, 45.9900



73.4171, 72.2612, 53.8213



63.1410, 69.4975, 48.1174



14.1941, 14.6743, 14.3911



20.5032, 14.4444, 1.7074



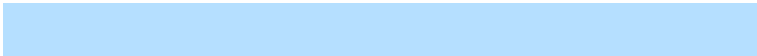
1.5090, 1.1768, 0.1476

Inverse Universe

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



50.5507, 55.1808, 77.7990



63.4793, 69.7729, 104.7295



44.9436, 43.9666, 75.9300



13.5925, 14.5242, 17.4747



12.3484, 12.1665, 42.7459



0.9445, 1.0204, 2.9924

Previews

White Background



This preview shows how the XYZ color 56.7571, 56.7302, 45.9888 looks on a white background.

Color Contrast Check

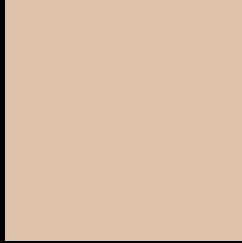
Large Text (above 18pt) WCAG AA × Fail

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 56.7571, 56.7302, 45.9888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

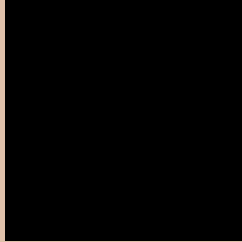
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7571, 56.7302, 45.9888

Background



This preview shows how black text looks on a background with the XYZ color 56.7571, 56.7302, 45.9888.



This preview shows how white text looks on a background with the XYZ color 56.7571, 56.7302,

45.9888.

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

56.7571, 56.7302, 45.9888

Protanopia

53.7493, 56.8152, 47.6687

Deuteranopia

57.8814, 56.6579, 45.9156



Tritanopia

60.4413, 56.6091, 64.2410

Trichromacy



Original Color

56.7571, 56.7302, 45.9888

Protanomaly

54.6269, 56.6045, 47.0763

Deuteranomaly

57.4694, 56.7703, 45.9590

Tritanomaly

59.1815, 56.7573, 57.1263

Monochromacy



Original Color

56.7571, 56.7302, 45.9888

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.0558, 56.9732, 55.6721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7571, 56.7302, 45.9888 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(223, 193, 170)` looks like.

```
.text, #text, p{  
    color:rgb(223, 193, 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(223, 193, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 193, 170) }
```

Border

The CSS property to change the border of an element to XYZ 56.7571, 56.7302, 45.9888 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(223, 193, 170) }
```


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

```
.border{ border-color:rgb(223, 193, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 193, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 193, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 193, 170);  
box-shadow:4px 4px 4px 4px rgb(223, 193,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7571, 56.7302, 45.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 193, 170) }
```

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

```
.background{ background-color: rgb(223,  
193, 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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