

Converting Colors

XYZ(56.5726, 52.2876, 48.5576)

Have a look what the booklet for
XYZ(56.5726, 52.2876, 48.5576)
contains.

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Color

**XYZ(56.6890, 52.2375,
48.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B3B1
RGB	230, 179, 177
RGB Percent	90%, 70%, 69%
CMY	0.0980, 0.2980, 0.3059
CMYK	0.00, 0.22, 0.23, 0.10
HSL	2°, 51%, 80%
HSV	2°, 23%, 90%
XYZ	56.6890, 52.2375, 48.6900
YIQ	194.0210, 31.0380, 10.1900

Conversions

Conversions Part 2

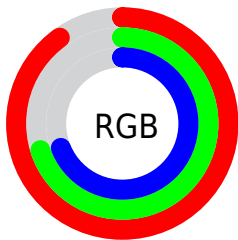
Format	Color
R_{YB}	230, 179, 177
Decimal	15119281
CIE _{Lab}	77.42, 18.19, 8.13
CIE _{LCh}	77, 19.930, 24.084
Yxy	52.2375, 0.3597, 0.3314
Android (android.graphics.Color)	4293309361 (0xFFE6B3B1)
YUV	194.0210, -8.3914, 31.5536
Hunter-Lab	72.2755, 13.5236, 10.6508

Details

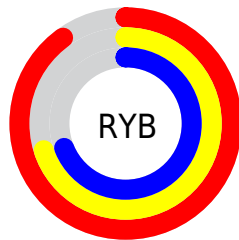
The XYZ color **56.6890, 52.2375, 48.6900** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.1570, 70.5451, 85.3091**, and the grayscale version is **51.3270, 54.0000, 58.8060**.

A 20% lighter version of the original color is **85.6563, 86.5599, 89.2839**, and **28.5545, 25.3756, 22.4618** is the 20% darker color. If you saturate the color by 10%, you get **50.5020, 43.2280, 36.2545**, and if you desaturate by 10%, it is **63.9771, 62.8299, 63.3999**.

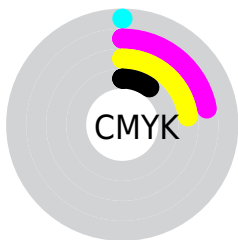
Distribution



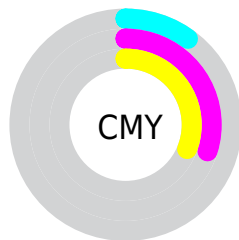
- Red (90%)
- Green (70%)
- Blue (69%)



- Red (90%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (23%)
- Black (10%)



- Cyan (10%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6890, 52.2375, 48.6900 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 56.6890, 52.2375, 48.6900 by changing the saturation by 10% instead.

56.6890, 52.2375,
48.6900

56.6890, 52.2375,
48.6900

402.3160,
395.3528, 398.1080

40.9948, 37.1944,
34.0098

99.1452, 93.4814,
89.6071

28.5026, 25.3581,
22.6237

126.6380,
120.4510, 116.6810

18.8473, 16.3440,
14.1132

158.7942,
152.1649, 148.7232

11.6633, 9.7679,
8.0598

195.9793,
189.0075, 186.1523

6.5854, 5.2454,
4.0449

238.5587,
231.3632, 229.3868

3.2482, 2.3919,
1.6500

286.8977,

1.2863, 0.8217,

279.6164, 278.8452

0.3261

341.3617,
334.1515, 334.9461

■ 0.1730, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6890, 52.2375,
48.6900

■ 56.6890, 52.2375,
48.6900

■ 50.5020, 43.2280,
36.2545

■ 63.9771, 62.8299,
63.3999

■ 45.3585, 35.7187,
25.9769

■ 72.4115, 75.0685,
80.4862

■ 41.2023, 29.6303,
17.7353

■ 82.0404, 89.0218,
100.0489

■ 37.9702, 24.8733,
11.3944

■ 86.4432, 95.5630,
108.4972

■ 35.5914, 21.3481,
6.8023

■ 33.9852, 18.9411,
3.7843

■ 33.0553, 17.5176,
2.1293

■ 32.7276, 17.0119,
1.5587

Harmonies

Analogous

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



57.3497, 52.2375, 59.0818



56.6890, 52.2375, 48.6900



54.1013, 52.2375, 41.4354

Triad

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



56.6890, 52.2375, 48.6900



43.9160, 52.2375, 45.3703



48.8942, 52.2375, 80.5683

Complementary

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



56.6890, 52.2375, 48.6900



60.1570, 70.5451, 85.3091

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.



45.4502, 52.2375, 75.7469



56.6890, 52.2375, 48.6900



42.6726, 52.2375, 54.7293

Square

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



56.6890, 52.2375, 48.6900



46.7023, 52.2375, 39.6984



43.2195, 52.2375, 65.9355



52.7196, 52.2375, 78.4116

Rectangle

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



56.6890, 52.2375, 48.6900



51.6993, 52.2375, 38.8946



43.2195, 52.2375, 65.9355



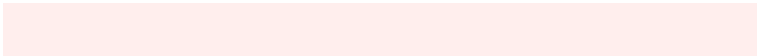
47.6559, 52.2375, 79.6925

Sweetspot

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



56.6904, 52.2399, 48.6911



87.0716, 88.4304, 92.7153



62.3917, 53.8823, 80.6809



18.4971, 18.7249, 19.5616



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.



56.6904, 52.2399, 48.6911



67.4721, 59.9484, 53.1429



62.4645, 63.7881, 50.6158



14.4205, 14.4549, 14.9345



18.5483, 9.6708, 0.8890



1.3862, 0.7457, 0.0709

Inverse Universe

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



60.1570, 70.5451, 85.3091



72.6261, 87.1702, 107.6055



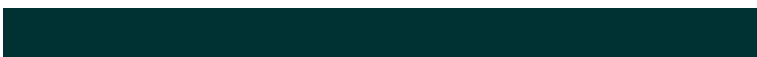
53.4730, 57.1769, 83.0811



14.7583, 16.2380, 18.5007



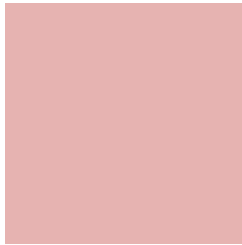
22.7911, 32.6442, 47.4829



1.6988, 2.4416, 3.5137

Previews

White Background



This preview shows how the XYZ color 56.6890, 52.2375, 48.6900 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 56.6890, 52.2375, 48.6900 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 56.6890, 52.2375, 48.6900

Background



This preview shows how black text looks on a background with the XYZ color 56.6890, 52.2375, 48.6900.



This preview shows how white text looks on a background with the XYZ color 56.6890, 52.2375,

48.6900.

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

56.6890, 52.2375, 48.6900

Protanopia

50.2040, 52.5508, 52.2970

Deuteranopia

53.5043, 52.4314, 48.3746



Tritanopia

58.4048, 52.3617, 56.3188

Trichromacy



Original Color

56.6890, 52.2375, 48.6900

Protanomaly

52.4053, 52.4322, 51.0744

Deuteranomaly

54.5888, 52.3737, 48.3063

Tritanomaly

57.7383, 52.3749, 53.5206

Monochromacy



Original Color

56.6890, 52.2375, 48.6900

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.0068, 53.2914, 55.0695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6890, 52.2375, 48.6900 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, 179, 177)` looks like.

```
.text, #text, p{  
    color:rgb(230, 179, 177)  
}
```

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, 179, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 179, 177) }
```

Border

The CSS property to change the border of an element to XYZ 56.6890, 52.2375, 48.6900 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, 179, 177) }
```


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

```
.border{ border-color:rgb(230, 179, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 179, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 179, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 179, 177);  
box-shadow:4px 4px 4px 4px rgb(230, 179,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6890, 52.2375, 48.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 179, 177) }
```

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

```
.background{ background-color: rgb(230,  
179, 177) }
```

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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