

Converting Colors

XYZ(55.8978, 51.7855, 22.7159)

Have a look what the booklet for
XYZ(55.8978, 51.7855, 22.7159)
contains.

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Color

**XYZ(56.0110, 51.8696,
22.6825)**

Conversions

Conversions Part 1

Format	Color
Hex	F4B171
RGB	244, 177, 113
RGB Percent	96%, 69%, 44%
CMY	0.0431, 0.3059, 0.5569
CMYK	0.00, 0.27, 0.54, 0.04
HSL	29°, 86%, 70%
HSV	29°, 54%, 96%
XYZ	56.0110, 51.8696, 22.6825
YIQ	189.7370, 60.4760, -5.7000

Conversions

Conversions Part 2

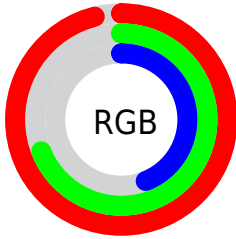
Format	Color
RYB	244, 238, 113
Decimal	16036209
CIELab	77.20, 17.46, 42.13
CIElCh	77, 45.607, 67.494
Yxy	51.8696, 0.4290, 0.3973
Android (android.graphics.Color)	4294226289 (0xFFFF4B171)
YUV	189.7370, -37.8313, 47.5887
Hunter-Lab	72.0206, 12.7850, 31.7413

Details

The XYZ color **56.0110, 51.8696, 22.6825** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.4596, 42.6830, 91.7466**, and the grayscale version is **48.9797, 51.5305, 56.1167**.

A 20% lighter version of the original color is **77.2618, 82.2910, 47.8880**, and **28.1124, 25.0885, 8.0635** is the 20% darker color. If you saturate the color by 10%, you get **52.4648, 46.6880, 15.6103**, and if you desaturate by 10%, it is **60.1544, 57.6548, 31.7764**.

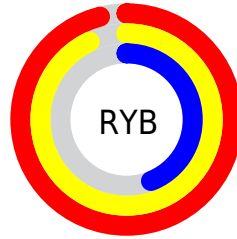
Distribution



Red (96%)

Green (69%)

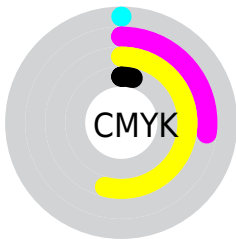
Blue (44%)



Red (96%)

Yellow (93%)

Blue (44%)

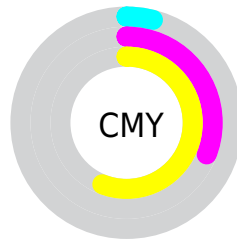


Cyan (0%)

Magenta (27%)

Yellow (54%)

Black (4%)



Cyan (4%)


Magenta (31%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0110, 51.8696, 22.6825 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 56.0110, 51.8696, 22.6825 by changing the saturation by 10% instead.


 56.0110, 51.8696,
22.6825

 56.0110, 51.8696,
22.6825


399.8073,
393.9330, 279.1589

 40.4488, 36.9011,
14.1562

 98.1604, 92.9389,
48.7880


 28.0744, 25.1310,
8.0894


 125.4782,
119.8085, 67.2043

 18.5225, 16.1747,
4.0636


 157.4454,
151.4140, 89.7543

 11.4277, 9.6478,
1.6603

 194.4271,
188.1397, 116.8565

 6.4247, 5.1661,
0.3333

236.7888,
230.3701, 148.9296

 3.1481, 2.3450,
0.0000

284.8958,

 1.2326, 0.7974,

278.4895, 186.3920

0.0000

339.1136,
332.8823, 229.6622

■ 0.1318, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0110, 51.8696,
22.6825

■ 56.0110, 51.8696,
22.6825

■ 52.4648, 46.6880,
15.6103

■ 60.1544, 57.6548,
31.7764

■ 49.4756, 42.0781,
10.3949


■ 64.9239, 64.0583,
43.0328


■ 47.0033, 38.0161,
6.8504

■ 70.3509, 71.1037,
56.5834


■ 44.9986, 34.4715,
4.7491

■ 76.4632, 78.8105,
72.5485

 43.9307, 32.4782,
3.9535

 83.2869, 87.1976,
91.0397

 90.1297, 95.9962,
108.3865

 91.1181, 97.9730,
108.7160

Harmonies

Analogous

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



63.8585, 51.8696, 31.9728



56.0110, 51.8696, 22.6825



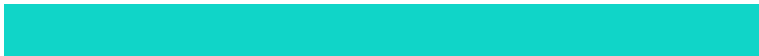
47.1429, 51.8696, 20.9581

Triad

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



56.0110, 51.8696, 22.6825



34.4567, 51.8696, 62.9837



60.2430, 51.8696, 103.8668

Complementary

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



56.0110, 51.8696, 22.6825



39.4596, 42.6830, 91.7466

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.



51.5229, 51.8696, 118.8276



56.0110, 51.8696, 22.6825



37.1424, 51.8696, 91.0942

Square

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



56.0110, 51.8696, 22.6825



35.3587, 51.8696, 39.9976



43.1486, 51.8696, 113.5681



66.4961, 51.8696, 76.9562

Rectangle

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



56.0110, 51.8696, 22.6825



41.9482, 51.8696, 23.6589



43.1486, 51.8696, 113.5681



57.4653, 51.8696, 110.7737

Sweetspot

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



56.0122, 51.8721, 22.6835



82.8643, 85.0476, 75.8007



51.5215, 34.3670, 47.4643



17.4325, 17.8222, 15.4257



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.



56.0122, 51.8721, 22.6835



57.8278, 51.3588, 16.9448



71.9863, 83.8203, 28.0082



17.1676, 17.8193, 17.3322



24.0231, 17.9318, 2.1950



2.2139, 1.7811, 0.2271

Inverse Universe

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



39.4596, 42.6830, 91.7466



37.8246, 40.2469, 100.3826



29.2913, 22.3462, 88.3571



16.2819, 17.3281, 21.0291



12.9890, 11.7718, 48.1256



1.2445, 1.2404, 4.2641

Previews

White Background



This preview shows how the XYZ color 56.0110, 51.8696, 22.6825 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 56.0110, 51.8696, 22.6825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

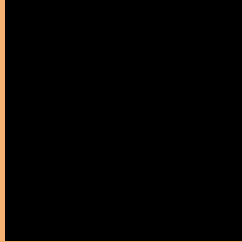
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0110, 51.8696, 22.6825

Background



This preview shows how black text looks on a background with the XYZ color 56.0110, 51.8696, 22.6825.



This preview shows how white text looks on a background with the XYZ color 56.0110, 51.8696,

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

56.0110, 51.8696, 22.6825

Protanopia

47.9132, 51.9795, 24.6473

Deuteranopia

52.9313, 51.7816, 22.5343



Tritanopia

61.9528, 52.0361, 50.4948

Trichromacy



Original Color

56.0110, 51.8696, 22.6825

Protanomaly

50.5301, 51.7509, 23.8487

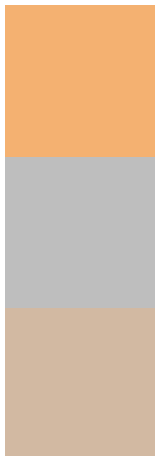
Deuteranomaly

53.8380, 51.6452, 22.4602

Tritanomaly

59.4647, 51.8618, 38.3287

Monochromacy



Original Color

56.0110, 51.8696, 22.6825

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.4489, 51.0082, 41.3690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0110, 51.8696, 22.6825 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(244, 177, 113)` looks like.

```
.text, #text, p{  
    color:rgb(244, 177, 113)  
}
```

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(244, 177, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 177, 113) }
```

Border

The CSS property to change the border of an element to XYZ 56.0110, 51.8696, 22.6825 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(244, 177, 113) }
```


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

```
.border{ border-color:rgb(244, 177, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 177, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 177, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 177, 113);  
box-shadow:4px 4px 4px 4px rgb(244, 177,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0110, 51.8696, 22.6825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 177, 113) }
```

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

```
.background{ background-color: rgb(244,  
177, 113) }
```

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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