

Converting Colors

XYZ(55.2721, 52.1202, 22.1300)

Have a look what the booklet for
XYZ(55.2721, 52.1202, 22.1300)
contains.

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Color

**XYZ(55.2650, 52.0887,
22.1803)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B36F
RGB	241, 179, 111
RGB Percent	95%, 70%, 44%
CMY	0.0549, 0.2980, 0.5647
CMYK	0.00, 0.26, 0.54, 0.05
HSL	31°, 82%, 69%
HSV	31°, 54%, 95%
XYZ	55.2650, 52.0887, 22.1803
YIQ	189.7860, 58.7800, -8.0040

Conversions

Conversions Part 2

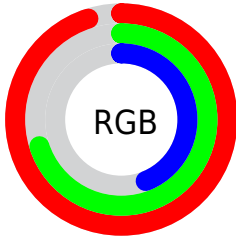
Format	Color
R _Y B	230, 241, 111
Decimal	15840111
CIE Lab	77.33, 15.02, 43.24
CIE LCh	77, 45.777, 70.841
Yxy	52.0887, 0.4266, 0.4021
Android (android.graphics.Color)	4294030191 (0xFFFF1B36F)
YUV	189.7860, -38.8415, 44.9147
Hunter-Lab	72.1725, 10.3818, 32.2995

Details

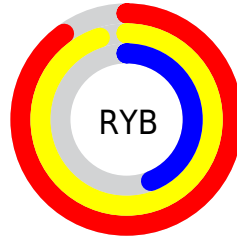
The XYZ color **55.2650, 52.0887, 22.1803** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.3756, 39.6158, 88.8955**, and the grayscale version is **49.0143, 51.5669, 56.1563**.

A 20% lighter version of the original color is **77.6492, 83.3570, 47.1189**, and **27.5946, 25.2037, 7.8253** is the 20% darker color. If you saturate the color by 10%, you get **51.9048, 47.2133, 15.3733**, and if you desaturate by 10%, it is **59.1776, 57.4964, 30.9383**.

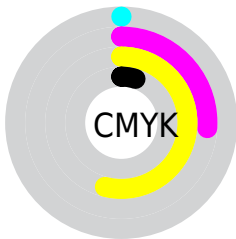
Distribution



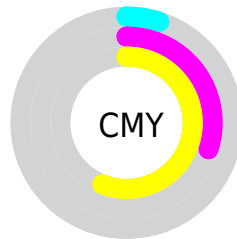
- Red (95%)
- Green (70%)
- Blue (44%)



- Red (90%)
- Yellow (95%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (54%)
- Black (5%)




- Cyan (5%)
- Magenta (30%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2650, 52.0887, 22.1803 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 55.2650, 52.0887, 22.1803 by changing the saturation by 10% instead.


 55.2650, 52.0887,
22.1803


 55.2650, 52.0887,
22.1803


397.0358,
394.7789, 276.4706


 39.8486, 37.0758,
13.7899


 97.0752, 93.2620,
47.9498


 27.6042, 25.2662,
7.8376

 124.1997,
120.1913, 66.1660

 18.1665, 16.2755,
3.9049


 155.9576,
151.8613, 88.4945

 11.1700, 9.7193,
1.5733

 192.7143,
188.6567, 115.3538

 6.2494, 5.2132,
0.2717

234.8351,
230.9618, 147.1625

 3.0394, 2.3729,
0.0000

282.6853,

 1.1746, 0.8119,

279.1609, 184.3392

0.0000

336.6305,
333.6385, 227.3024

■ 0.0862, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2650, 52.0887,
22.1803

■ 55.2650, 52.0887,
22.1803

■ 51.9048, 47.2133,
15.3733

■ 59.1776, 57.4964,
30.9383

■ 49.0592, 42.8413,
10.3572


■ 63.6697, 63.4482,
41.7839


■ 46.6902, 38.9521,
6.9514


■ 68.7706, 69.9650,
54.8447


■ 44.7513, 35.5188,
4.9344

■ 74.5064, 77.0637,
70.2374

 43.7455, 33.6408,
4.1877

 80.9014, 84.7608,
88.0700

 87.8816, 93.0328,
107.9330

 90.0855, 97.4407,
108.6677

Harmonies

Analogous

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



63.4266, 52.0887, 30.5862



55.2650, 52.0887, 22.1803



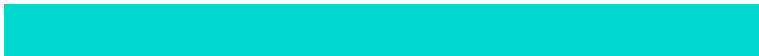
46.3976, 52.0887, 21.2227

Triad

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



55.2650, 52.0887, 22.1803



34.6959, 52.0887, 66.3152



61.4039, 52.0887, 101.7784

Complementary

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



55.2650, 52.0887, 22.1803



37.3756, 39.6158, 88.8955

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.



52.7560, 52.0887, 118.7721



55.2650, 52.0887, 22.1803



37.7922, 52.0887, 94.6222

Square

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



55.2650, 52.0887, 22.1803



35.1988, 52.0887, 42.2677



44.1668, 52.0887, 115.8227



67.2505, 52.0887, 74.1298

Rectangle

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



55.2650, 52.0887, 22.1803



41.3402, 52.0887, 24.4822



44.1668, 52.0887, 115.8227



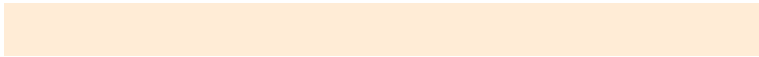
58.6882, 52.0887, 109.2494

Sweetspot

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



55.2663, 52.0912, 22.1813



83.2673, 85.8535, 75.9351



49.5840, 33.1196, 43.7391



17.5284, 18.0140, 15.4577



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.



55.2663, 52.0912, 22.1813



58.5706, 53.0194, 16.6531



69.8648, 82.3798, 27.2582



16.4570, 17.1272, 16.5882



23.8584, 18.5150, 2.3163



2.0844, 1.7395, 0.2259

Inverse Universe

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



37.3756, 39.6158, 88.8955



36.2506, 37.4697, 99.9295



28.3936, 21.2421, 85.8224



15.5191, 16.4723, 20.0831



12.0632, 10.3506, 46.4899



1.1026, 1.0591, 3.9005

Previews

White Background



This preview shows how the XYZ color 55.2650, 52.0887, 22.1803 looks on a white background.

Color Contrast Check

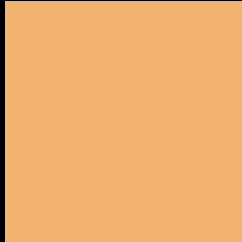
Large Text (above 18pt) WCAG AA × Fail

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 55.2650, 52.0887, 22.1803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

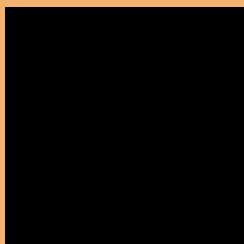
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2650, 52.0887, 22.1803

Background



This preview shows how black text looks on a background with the XYZ color 55.2650, 52.0887, 22.1803.



This preview shows how white text looks on a background with the XYZ color 55.2650, 52.0887,

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

55.2650, 52.0887, 22.1803

Protanopia

48.0777, 52.0779, 24.0411

Deuteranopia

53.3522, 52.3164, 22.0380



Tritanopia

61.2797, 51.9425, 51.5959

Trichromacy



Original Color

55.2650, 52.0887, 22.1803

Protanomaly

50.6264, 52.1277, 23.3129

Deuteranomaly

54.1345, 52.4146, 22.0157

Tritanomaly

58.6856, 51.7339, 38.7909

Monochromacy



Original Color

55.2650, 52.0887, 22.1803

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.2864, 51.2463, 40.9594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2650, 52.0887, 22.1803 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(241, 179, 111)` looks like.

```
.text, #text, p{  
    color:rgb(241, 179, 111)  
}
```

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(241, 179, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 179, 111) }
```

Border

The CSS property to change the border of an element to XYZ 55.2650, 52.0887, 22.1803 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(241, 179, 111) }
```


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

```
.border{ border-color:rgb(241, 179, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 179, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 179, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 179, 111);  
box-shadow:4px 4px 4px 4px rgb(241, 179,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2650, 52.0887, 22.1803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 179, 111) }
```

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

```
.background{ background-color: rgb(241,  
179, 111) }
```

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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