

Converting Colors

XYZ(55.2440, 51.7115, 21.5393)

Have a look what the booklet for
XYZ(55.2440, 51.7115, 21.5393)
contains.

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Color

**XYZ(55.2987, 51.8222,
21.5561)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B26D
RGB	242, 178, 109
RGB Percent	95%, 70%, 43%
CMY	0.0510, 0.3019, 0.5725
CMYK	0.00, 0.26, 0.55, 0.05
HSL	31°, 84%, 69%
HSV	31°, 55%, 95%
XYZ	55.2987, 51.8222, 21.5561
YIQ	189.2700, 60.2930, -7.8910

Conversions

Conversions Part 2

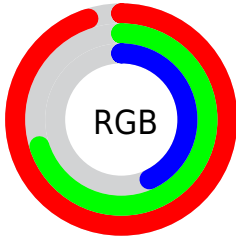
Format	Color
R _Y B	232, 242, 109
Decimal	15905389
CIE Lab	77.17, 15.80, 44.08
CIE LCh	77, 46.825, 70.286
Yxy	51.8222, 0.4297, 0.4027
Android (android.graphics.Color)	4294095469 (0xFFFF2B26D)
YUV	189.2700, -39.5731, 46.2442
Hunter-Lab	71.9876, 11.1399, 32.6374

Details

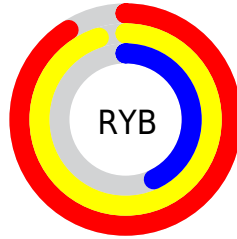
The XYZ color **55.2987, 51.8222, 21.5561** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.2765, 39.5474, 89.6728**, and the grayscale version is **48.7210, 51.2582, 55.8202**.

A 20% lighter version of the original color is **77.1844, 82.7143, 46.0798**, and **27.6515, 25.0503, 7.5155** is the 20% darker color. If you saturate the color by 10%, you get **51.9519, 46.9343, 14.8742**, and if you desaturate by 10%, it is **59.2033, 57.2519, 30.1939**.

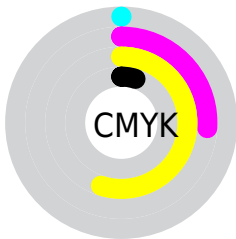
Distribution



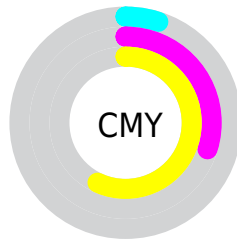
- Red (95%)
- Green (70%)
- Blue (43%)



- Red (91%)
- Yellow (95%)
- Blue (43%)



- Cyan (0%)
- Magenta (26%)
- Yellow (55%)
- Black (5%)



- Cyan (5%)
- Magenta (30%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2987, 51.8222, 21.5561 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 55.2987, 51.8222, 21.5561 by changing the saturation by 10% instead.

55.2987, 51.8222,
21.5561

55.2987, 51.8222,
21.5561

397.1612,
393.7498, 273.0967

39.8757, 36.8634,
13.3359

97.1242, 92.8690,
46.9040

27.6254, 25.1017,
7.5268

124.2575,
119.7257, 64.8687

18.1825, 16.1529,
3.7103

156.0249,
151.3172, 86.9187

11.1816, 9.6324,
1.4678

192.7917,
188.0278, 113.4726

6.2573, 5.1559,
0.1938

234.9235,
230.2420, 144.9487

3.0443, 2.3390,
0.0000

282.7854,

1.1772, 0.7943,

278.3442, 181.7658

0.0000

336.7428,
332.7186, 224.3423

■ 0.0883, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2987, 51.8222,
21.5561

■ 55.2987, 51.8222,
21.5561

■ 51.9519, 46.9343,
14.8742

■ 59.2033, 57.2519,
30.1939

■ 49.1240, 42.5589,
9.9845


■ 63.6934, 63.2360,
40.9273


■ 46.7761, 38.6743,
6.7010


■ 68.7990, 69.7958,
53.8864


■ 44.8597, 35.2527,
4.7944

■ 74.5469, 76.9489,
69.1900

 44.0224, 33.6864,
4.1819

 80.9618, 84.7120,
86.9481

 88.0672, 93.1013,
107.2641

 90.4278, 97.6172,
108.6837

Harmonies

Analogous

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



63.6014, 51.8222, 30.1567



55.2987, 51.8222, 21.5561



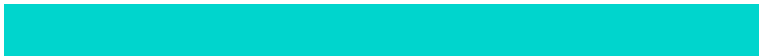
46.2427, 51.8222, 20.4697

Triad

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



55.2987, 51.8222, 21.5561



34.1741, 51.8222, 65.7024



61.2564, 51.8222, 103.0539

Complementary

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



55.2987, 51.8222, 21.5561



37.2765, 39.5474, 89.6728

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.



52.3962, 51.8222, 120.2287



55.2987, 51.8222, 21.5561



37.2472, 51.8222, 94.7206

Square

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



55.2987, 51.8222, 21.5561



34.7517, 51.8222, 41.3643



43.6693, 51.8222, 116.7863



67.3195, 51.8222, 74.7600

Rectangle

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



55.2987, 51.8222, 21.5561



41.0677, 51.8222, 23.6429



43.6693, 51.8222, 116.7863



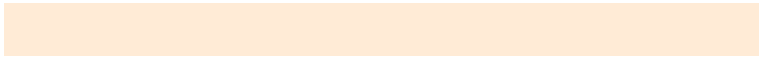
58.4650, 51.8222, 110.6569

Sweetspot

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



55.2999, 51.8247, 21.5571



83.2172, 85.7533, 75.9183



49.6570, 32.8430, 43.4016



17.5165, 17.9901, 15.4537



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.



55.2999, 51.8247, 21.5571



58.0881, 52.2234, 15.9712



70.3740, 83.0955, 26.7985



16.4512, 17.1156, 16.5863



23.7871, 18.3722, 2.2925



2.0785, 1.7276, 0.2239

Inverse Universe

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



37.2765, 39.5474, 89.6728



35.8960, 37.1188, 99.8805



28.0789, 20.7422, 86.5278



15.5249, 16.4838, 20.0851



12.1276, 10.4795, 46.5114



1.1080, 1.0701, 3.9024

Previews

White Background



This preview shows how the XYZ color 55.2987, 51.8222, 21.5561 looks on a white background.

Color Contrast Check

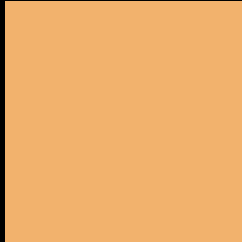
Large Text (above 18pt) WCAG AA × Fail

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 55.2987, 51.8222, 21.5561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

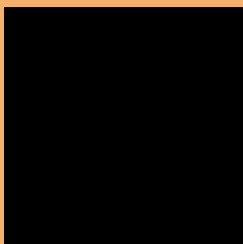
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2987, 51.8222, 21.5561

Background



This preview shows how black text looks on a background with the XYZ color 55.2987, 51.8222, 21.5561.



This preview shows how white text looks on a background with the XYZ color 55.2987, 51.8222,

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

55.2987, 51.8222, 21.5561

Protanopia

47.9626, 52.0318, 23.4348

Deuteranopia

53.0390, 51.8622, 21.4023



Tritanopia

61.3429, 51.7098, 51.0038

Trichromacy



Original Color

55.2987, 51.8222, 21.5561

Protanomaly

50.3023, 51.6598, 22.6494

Deuteranomaly

53.8227, 51.9633, 21.3805

Tritanomaly

58.6750, 51.4644, 37.8515

Monochromacy



Original Color

55.2987, 51.8222, 21.5561

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.7065, 50.6459, 40.4135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2987, 51.8222, 21.5561 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(242, 178, 109)` looks like.

```
.text, #text, p{  
    color:rgb(242, 178, 109)  
}
```

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(242, 178, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 178, 109) }
```

Border

The CSS property to change the border of an element to XYZ 55.2987, 51.8222, 21.5561 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(242, 178, 109) }
```


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

```
.border{ border-color:rgb(242, 178, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 178, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 178, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 178, 109);  
box-shadow:4px 4px 4px 4px rgb(242, 178,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2987, 51.8222, 21.5561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 178, 109) }
```

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

```
.background{ background-color: rgb(242,  
178, 109) }
```

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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