

Converting Colors

XYZ(55.6224, 50.9387, 25.7069)

Have a look what the booklet for
XYZ(55.6224, 50.9387, 25.7069)
contains.

XYZ(55.5231, 50.9673, 25.6502)	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(55.5231, 50.9673,
25.6502)**

Conversions

Conversions Part 1

Format	Color
Hex	F2AF7B
RGB	242, 175, 123
RGB Percent	95%, 69%, 48%
CMY	0.0510, 0.3137, 0.5176
CMYK	0.00, 0.28, 0.49, 0.05
HSL	26°, 82%, 72%
HSV	26°, 49%, 95%
XYZ	55.5231, 50.9673, 25.6502
YIQ	189.1050, 56.6240, -1.9680

Conversions

Conversions Part 2

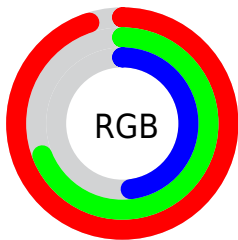
Format	Color
R _Y B	242, 215, 123
Decimal	15904635
CIE Lab	76.66, 18.58, 36.24
CIE LCh	77, 40.722, 62.854
Yxy	50.9673, 0.4202, 0.3857
Android (android.graphics.Color)	4294094715 (0xFFF2AF7B)
YUV	189.1050, -32.5898, 46.3889
Hunter-Lab	71.3914, 13.8896, 28.6717

Details

The XYZ color **55.5231, 50.9673, 25.6502** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.6080, 47.4466, 90.9166**, and the grayscale version is **48.5890, 51.1194, 55.6690**.

A 20% lighter version of the original color is **77.6524, 81.5464, 52.7216**, and **27.6906, 24.4674, 9.5666** is the 20% darker color. If you saturate the color by 10%, you get **51.6723, 45.3979, 17.7940**, and if you desaturate by 10%, it is **60.0184, 57.2266, 35.5694**.

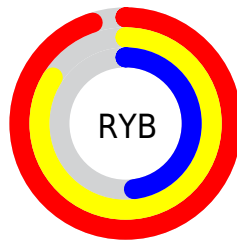
Distribution



Red (95%)

Green (69%)

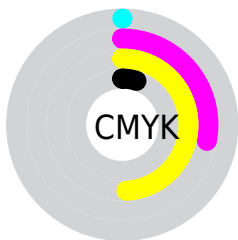
Blue (48%)



Red (95%)

Yellow (84%)

Blue (48%)

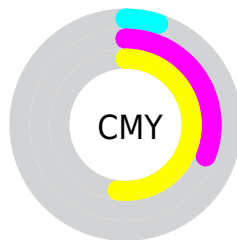


Cyan (0%)

Magenta (28%)

Yellow (49%)

Black (5%)



Cyan (5%)


Magenta (31%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5231, 50.9673, 25.6502 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 55.5231, 50.9673, 25.6502 by changing the saturation by 10% instead.


 55.5231, 50.9673,
25.6502

 55.5231, 50.9673,
25.6502


397.9960,
390.4367, 294.6113

 40.0562, 36.1826,
16.3387

 97.4508, 91.6064,
53.6872

 27.7668, 24.5752,
9.6072


 124.6423,
118.2296, 73.2499

 18.2895, 15.7609,
5.0371


 156.4728,
149.5678, 97.0666

 11.2590, 9.3551,
2.2099

193.3075,
186.0053, 125.5561

 6.3099, 4.9735,
0.6801

235.5118,
227.9266, 159.1367

 3.0768, 2.2317,
0.0000

283.4511,

 1.1945, 0.7372,

275.7160, 198.2271

0.0000

337.4907,
329.7579, 243.2458

■ 0.1020, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5231, 50.9673,
25.6502

■ 55.5231, 50.9673,
25.6502

■ 51.6723, 45.3979,
17.7940

■ 60.0184, 57.2266,
35.5694

■ 48.4263, 40.4839,
11.8472

■ 65.1872, 64.1935,
47.6840

■ 45.7460, 36.1983,
7.6392

■ 71.0611, 71.8942,
62.1188

■ 43.5846, 32.5087,
4.9668

■ 77.6685, 80.3512,
78.9883

41.8747, 29.3733,
3.5201

85.0358, 89.5860,
98.3992

41.7471, 29.1357,
3.4234

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.



61.9873, 50.9673, 35.5097



55.5231, 50.9673, 25.6502



47.7089, 50.9673, 22.9851

Triad

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



55.5231, 50.9673, 25.6502



35.0994, 50.9673, 57.6344



56.9343, 50.9673, 99.3228

Complementary

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



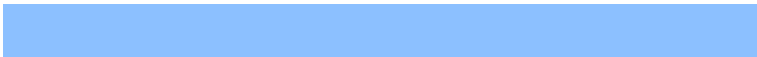
55.5231, 50.9673, 25.6502



42.6080, 47.4466, 90.9166

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.



49.1843, 50.9673, 109.5851



55.5231, 50.9673, 25.6502



37.0309, 50.9673, 81.8468

Square

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



55.5231, 50.9673, 25.6502



36.4175, 50.9673, 38.2969



41.9917, 50.9673, 102.4698



62.8608, 50.9673, 77.1964

Rectangle

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



55.5231, 50.9673, 25.6502



42.9129, 50.9673, 24.8555



41.9917, 50.9673, 102.4698



54.4287, 50.9673, 104.5051

Sweetspot

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



55.5243, 50.9698, 25.6512



83.0029, 84.7988, 77.4684



53.0428, 36.7803, 53.2679



17.4367, 17.7270, 15.7463



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.



55.5243, 50.9698, 25.6512



58.1978, 51.1328, 20.0459



69.6349, 79.1908, 30.3547



16.3411, 16.8954, 16.5496



22.5575, 15.9132, 1.8826



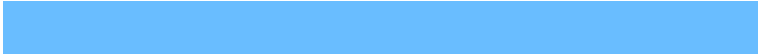
1.9739, 1.5184, 0.1891

Inverse Universe

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



42.6080, 47.4466, 90.9166



42.0744, 46.6989, 101.4040



32.3032, 26.8370, 87.4816



15.6356, 16.7053, 20.1220



13.4963, 13.2167, 46.9676



1.2216, 1.2972, 3.9402

Previews

White Background



This preview shows how the XYZ color 55.5231, 50.9673, 25.6502 looks on a white background.

Color Contrast Check

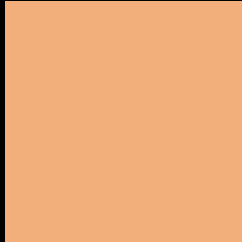
Large Text (above 18pt) WCAG AA × Fail

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 55.5231, 50.9673, 25.6502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

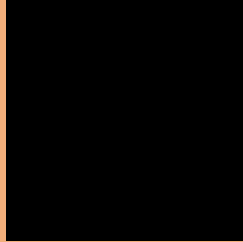
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5231, 50.9673, 25.6502

Background



This preview shows how black text looks on a background with the XYZ color 55.5231, 50.9673, 25.6502.



This preview shows how white text looks on a background with the XYZ color 55.5231, 50.9673,

25.6502.

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

55.5231, 50.9673, 25.6502

Protanopia

47.3369, 50.9593, 28.1101

Deuteranopia

52.0316, 50.9469, 25.5037



Tritanopia

60.5986, 51.0747, 49.8445

Trichromacy



Original Color

55.5231, 50.9673, 25.6502

Protanomaly

49.8847, 50.7187, 27.2392

Deuteranomaly

53.2372, 50.9690, 25.4444

Tritanomaly

58.4771, 51.0415, 39.5708

Monochromacy



Original Color

55.5231, 50.9673, 25.6502

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.9444, 50.4075, 42.6946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5231, 50.9673, 25.6502 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, 175, 123)` looks like.

```
.text, #text, p{  
    color:rgb(242, 175, 123)  
}
```

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, 175, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 175, 123) }
```

Border

The CSS property to change the border of an element to XYZ 55.5231, 50.9673, 25.6502 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, 175, 123) }
```


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

```
.border{ border-color:rgb(242, 175, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 175, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 175, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 175, 123);  
box-shadow:4px 4px 4px 4px rgb(242, 175,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5231, 50.9673, 25.6502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 175, 123) }
```

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

```
.background{ background-color: rgb(242,  
175, 123) }
```

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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