

Converting Colors

XYZ(56.0538, 51.5317, 25.1195)

Have a look what the booklet for
XYZ(56.0538, 51.5317, 25.1195)
contains.

XYZ(55.9387, 51.4858, 25.0786)	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(55.9387, 51.4858,
25.0786)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B079
RGB	243, 176, 121
RGB Percent	95%, 69%, 47%
CMY	0.0471, 0.3098, 0.5255
CMYK	0.00, 0.28, 0.50, 0.05
HSL	27°, 84%, 71%
HSV	27°, 50%, 95%
XYZ	55.9387, 51.4858, 25.0786
YIQ	189.7630, 57.5870, -2.9010

Conversions

Conversions Part 2

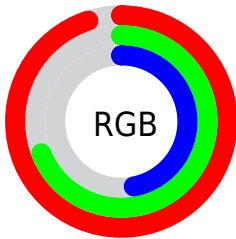
Format	Color
R _Y B	243, 221, 121
Decimal	15970425
CIE Lab	76.97, 18.27, 37.70
CIE LCh	77, 41.895, 64.144
Yxy	51.4858, 0.4222, 0.3886
Android (android.graphics.Color)	4294160505 (0xFFFF3B079)
YUV	189.7630, -33.9002, 46.6888
Hunter-Lab	71.7536, 13.5888, 29.5051

Details

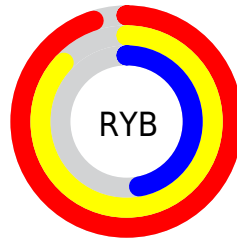
The XYZ color **55.9387, 51.4858, 25.0786** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.0452, 46.5005, 91.5534**, and the grayscale version is **48.9739, 51.5244, 56.1101**.

A 20% lighter version of the original color is **77.7366, 82.0292, 51.7805**, and **27.9875, 24.8112, 9.2752** is the 20% darker color. If you saturate the color by 10%, you get **52.1432, 45.9868, 17.3646**, and if you desaturate by 10%, it is **60.3693, 57.6544, 34.8568**.

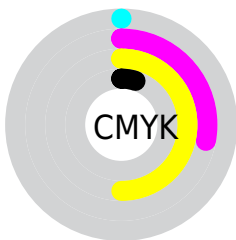
Distribution



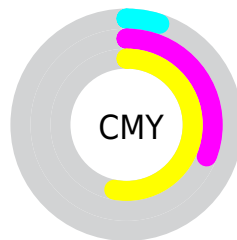
- Red (95%)
- Green (69%)
- Blue (47%)



- Red (95%)
- Yellow (87%)
- Blue (47%)



- Cyan (0%)
- Magenta (28%)
- Yellow (50%)
- Black (5%)




- Cyan (5%)
- Magenta (31%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9387, 51.4858, 25.0786 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 55.9387, 51.4858, 25.0786 by changing the saturation by 10% instead.


 55.9387, 51.4858,
25.0786


 55.9387, 51.4858,
25.0786


399.5392,
392.4483, 291.6893


 40.3906, 36.5954,
15.9161

 98.0553, 92.3725,
52.7504

 28.0288, 24.8944,
9.3111

 125.3544,
119.1375, 72.0968

 18.4879, 15.9984,
4.8451


 157.3013,
150.6295, 95.6748

 11.4027, 9.5230,
2.0995

194.2613,
187.2329, 123.9031

 6.4076, 5.0839,
0.6155

236.5998,
229.3321, 157.2002

 3.1375, 2.2965,
0.0000

284.6820,

 1.2269, 0.7719,

277.3115, 195.9845

0.0000

338.8733,
331.5554, 240.6747

■ 0.1274, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9387, 51.4858,
25.0786

■ 55.9387, 51.4858,
25.0786

■ 52.1432, 45.9868,
17.3646

■ 60.3693, 57.6544,
34.8568

■ 48.9428, 41.1236,
11.5579


■ 65.4640, 64.5095,
46.8342


■ 46.2982, 36.8700,
7.4838

■ 71.2543, 72.0766,
61.1377

■ 44.1621, 33.1942,
4.9329

■ 77.7686, 80.3776,
77.8837

 42.4906, 30.1118,
3.5727

 85.0333, 89.4331,
97.1806

 90.7721, 97.7947,
108.6998

Harmonies

Analogous

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



62.7685, 51.4858, 34.8308



55.9387, 51.4858, 25.0786



47.8349, 51.4858, 22.6547

Triad

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



55.9387, 51.4858, 25.0786



35.1689, 51.4858, 59.2961



58.0653, 51.4858, 100.8732

Complementary

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



55.9387, 51.4858, 25.0786



42.0452, 46.5005, 91.5534

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.



50.0532, 51.4858, 112.3194



55.9387, 51.4858, 25.0786



37.3009, 51.4858, 84.5258

Square

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



55.9387, 51.4858, 25.0786



36.3831, 51.4858, 38.9923



42.5430, 51.4858, 105.6457



64.0870, 51.4858, 77.4960

Rectangle

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



55.9387, 51.4858, 25.0786



42.9226, 51.4858, 24.7554



42.5430, 51.4858, 105.6457



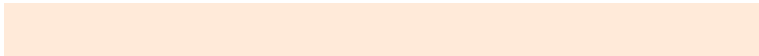
55.4857, 51.4858, 106.4946

Sweetspot

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



55.9400, 51.4883, 25.0796



83.1534, 85.0999, 77.5185



52.8876, 36.3650, 51.8655



17.4728, 17.7993, 15.7583



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.



55.9400, 51.4883, 25.0796



58.1978, 51.3384, 19.4123



70.6686, 80.9456, 29.9892



17.1144, 17.7129, 17.3145



23.4509, 16.7874, 2.0043



2.1622, 1.6777, 0.2099

Inverse Universe

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



42.0452, 46.5005, 91.5534



41.0921, 45.1701, 101.1607



31.6655, 25.7411, 88.0935



16.3355, 17.4353, 21.0469



13.6521, 13.0979, 48.3466



1.3025, 1.3563, 4.2834

Previews

White Background



This preview shows how the XYZ color 55.9387, 51.4858, 25.0786 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 55.9387, 51.4858, 25.0786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

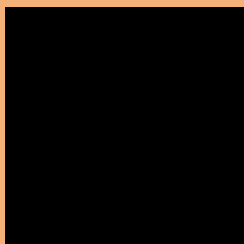
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9387, 51.4858, 25.0786

Background



This preview shows how black text looks on a background with the XYZ color 55.9387, 51.4858, 25.0786.



This preview shows how white text looks on a background with the XYZ color 55.9387, 51.4858,

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

55.9387, 51.4858, 25.0786

Protanopia

47.6978, 51.4810, 27.5016

Deuteranopia

52.7512, 51.6350, 24.9556



Tritanopia

61.0545, 51.2979, 50.3996

Trichromacy



Original Color

55.9387, 51.4858, 25.0786

Protanomaly

50.2641, 51.2387, 26.6429

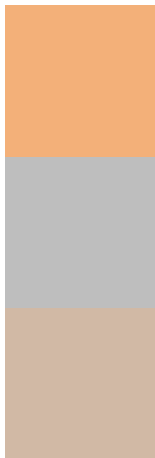
Deuteranomaly

53.9724, 51.6607, 24.8962

Tritanomaly

58.8270, 51.2219, 39.5872

Monochromacy



Original Color

55.9387, 51.4858, 25.0786

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.4350, 50.9698, 42.7773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9387, 51.4858, 25.0786 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(243, 176, 121)` looks like.

```
.text, #text, p{  
    color:rgb(243, 176, 121)  
}
```

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(243, 176, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 176, 121) }
```

Border

The CSS property to change the border of an element to XYZ 55.9387, 51.4858, 25.0786 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(243, 176, 121) }
```


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

```
.border{ border-color:rgb(243, 176, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 176, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 176, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 176, 121);  
box-shadow:4px 4px 4px 4px rgb(243, 176,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9387, 51.4858, 25.0786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 176, 121) }
```

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

```
.background{ background-color: rgb(243,  
176, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor