

Converting Colors

XYZ(58.3925, 50.6366, 22.8406)

Have a look what the booklet for
XYZ(58.3925, 50.6366, 22.8406)
contains.

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Color

**XYZ(58.3371, 50.5031,
22.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA873
RGB	255, 168, 115
RGB Percent	100%, 66%, 45%
CMY	0.0000, 0.3411, 0.5490
CMYK	0.00, 0.34, 0.55, 0.00
HSL	23°, 100%, 73%
HSV	23°, 55%, 100%
XYZ	58.3371, 50.5031, 22.8930
YIQ	187.9710, 68.8650, 1.9610

Conversions

Conversions Part 2

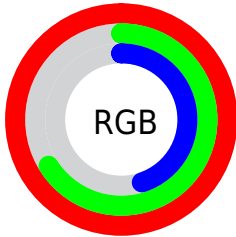
Format	Color
R_{YB}	255, 200, 115
Decimal	16754803
CIE _{Lab}	76.38, 26.74, 40.34
CIE _{LCh}	76, 48.402, 56.462
Yxy	50.5031, 0.4428, 0.3834
Android (android.graphics.Color)	4294944883 (0xFFFFA873)
YUV	187.9710, -35.9747, 58.7844
Hunter-Lab	71.0655, 22.1645, 30.6462

Details

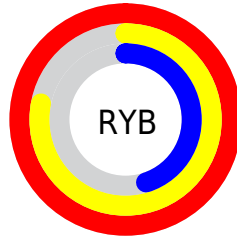
The XYZ color **58.3371, 50.5031, 22.8930** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.2394, 53.1031, 102.4200**, and the grayscale version is **47.9552, 50.4526, 54.9429**.

A 20% lighter version of the original color is **74.9635, 77.3985, 48.0342**, and **29.5905, 24.2452, 8.1212** is the 20% darker color. If you saturate the color by 10%, you get **54.3186, 44.4987, 15.2882**, and if you desaturate by 10%, it is **63.1203, 57.3878, 32.7555**.

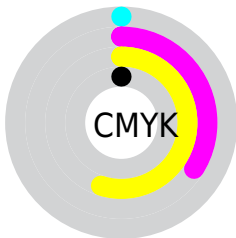
Distribution



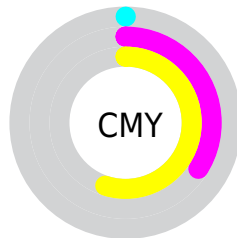
- Red (100%)
- Green (66%)
- Blue (45%)



- Red (100%)
- Yellow (78%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3371, 50.5031, 22.8930 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 58.3371, 50.5031, 22.8930 by changing the saturation by 10% instead.


 58.3371, 50.5031,
22.8930

 58.3371, 50.5031,
22.8930


408.3745,
388.6301, 280.2790


 42.3240, 35.8133,
14.3100


 101.5337, 90.9198,
49.1385

 29.5473, 24.2900,
8.1954


 129.4480,
117.4156, 67.6381

 19.6416, 15.5489,
4.1306

 162.0601,
148.6154, 90.2803

 12.2415, 9.2055,
1.6973

199.7353,
184.9038, 117.4836

 6.9818, 4.8755,
0.3589

242.8390,
226.6650, 149.6666

 3.4969, 2.1744,
0.0000

291.7365,

 1.4217, 0.7060,

274.2836, 187.2478

0.0000

346.7932,
328.1438, 230.6458

■ 0.2716, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3371, 50.5031,
22.8930

■ 58.3371, 50.5031,
22.8930

■ 54.3186, 44.4987,
15.2882

■ 63.1203, 57.3878,
32.7555

■ 51.0141, 39.3277,
9.7530

■ 68.7071, 65.1817,
45.0372

■ 48.3711, 34.9497,
6.0730

■ 75.1379, 73.9214,
59.8881

■ 46.3260, 31.3161,
3.9838

■ 82.4490, 83.6390,
77.4450

■ 45.4727, 29.7258,
3.3410

■ 90.6743, 94.3651,
97.8350

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



65.4401, 50.5031, 35.5379



58.3371, 50.5031, 22.8930



49.0899, 50.5031, 18.5942

Triad

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



58.3371, 50.5031, 22.8930



32.5639, 50.5031, 51.9536



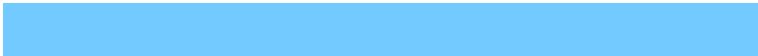
56.2324, 50.5031, 113.1879

Complementary

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



58.3371, 50.5031, 22.8930



46.2394, 53.1031, 102.4200

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.



46.9297, 50.5031, 121.7397



58.3371, 50.5031, 22.8930



33.9741, 50.5031, 80.4914

Square

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



58.3371, 50.5031, 22.8930



34.8391, 50.5031, 31.6815



38.9653, 50.5031, 108.2559



64.1211, 50.5031, 87.5981

Rectangle

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



58.3371, 50.5031, 22.8930



43.2098, 50.5031, 19.5616



38.9653, 50.5031, 108.2559



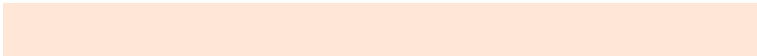
53.1353, 50.5031, 118.4411

Sweetspot

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



58.3383, 50.5056, 22.8940



81.6020, 82.5229, 75.3800



58.2298, 37.8654, 61.1572



17.1327, 17.2226, 15.3257



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.



58.3383, 50.5056, 22.8940



53.9218, 43.8906, 14.5824



74.4258, 82.6805, 28.2564



18.5729, 19.1141, 18.8548



23.8928, 15.7968, 1.7898



2.4276, 1.7406, 0.2080

Inverse Universe

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



46.2394, 53.1031, 102.4200



40.6442, 46.6151, 101.4632



33.5996, 27.8235, 98.2067



17.9433, 19.2581, 23.0214



16.0092, 16.9281, 51.8583



1.6641, 1.8590, 5.0844

Previews

White Background



This preview shows how the XYZ color 58.3371, 50.5031, 22.8930 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 58.3371, 50.5031, 22.8930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

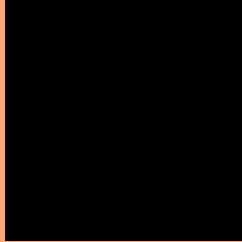
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3371, 50.5031, 22.8930

Background



This preview shows how black text looks on a background with the XYZ color 58.3371, 50.5031, 22.8930.



This preview shows how white text looks on a background with the XYZ color 58.3371, 50.5031,

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

58.3371, 50.5031, 22.8930

Protanopia

46.9496, 50.8044, 26.0706

Deuteranopia

51.5590, 50.4704, 22.3535



Tritanopia

61.9772, 50.5104, 46.5273

Trichromacy



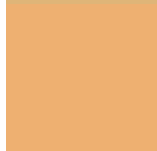
Original Color

58.3371, 50.5031, 22.8930



Protanomaly

50.3455, 50.0918, 24.7845



Deuteranomaly

53.7659, 50.4201, 22.5211



Tritanomaly

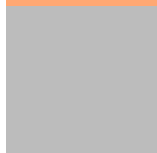
60.4449, 50.4702, 36.6929

Monochromacy



Original Color

58.3371, 50.5031, 22.8930



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

50.1083, 49.6180, 40.6545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3371, 50.5031, 22.8930 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(255, 168, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 115)  
}
```

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(255, 168, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 115) }
```

Border

The CSS property to change the border of an element to XYZ 58.3371, 50.5031, 22.8930 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(255, 168, 115) }
```


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

```
.border{ border-color:rgb(255, 168, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3371, 50.5031, 22.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 115) }
```

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

```
.background{ background-color: rgb(255,  
168, 115) }
```

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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