

Converting Colors

XYZ(52.5650, 42.4730, 22.7814)

Have a look what the booklet for
XYZ(52.5650, 42.4730, 22.7814)
contains.

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Color

**XYZ(52.6311, 42.4682,
22.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	F89477
RGB	248, 148, 119
RGB Percent	97%, 58%, 47%
CMY	0.0275, 0.4196, 0.5333
CMYK	0.00, 0.40, 0.52, 0.03
HSL	13°, 90%, 72%
HSV	13°, 52%, 97%
XYZ	52.6311, 42.4682, 22.8760
YIQ	174.5940, 68.9090, 12.1810

Conversions

Conversions Part 2

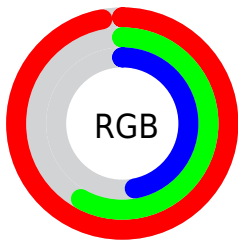
Format	Color
R_{YB}	248, 156, 119
Decimal	16290935
CIE _{Lab}	71.19, 34.76, 31.44
CIE _{LCh}	71, 46.864, 42.127
Yxy	42.4682, 0.4461, 0.3600
Android (android.graphics.Color)	4294481015 (0xFFFF89477)
YUV	174.5940, -27.4078, 64.3771
Hunter-Lab	65.1676, 30.1180, 24.8046

Details

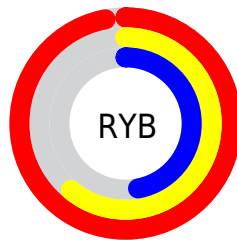
The XYZ color **52.6311, 42.4682, 22.8760** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.8811, 61.3592, 98.0211**, and the grayscale version is **40.6510, 42.7680, 46.5744**.

A 20% lighter version of the original color is **70.0423, 66.9504, 48.2608**, and **26.0274, 19.4993, 8.1863** is the 20% darker color. If you saturate the color by 10%, you get **48.5625, 36.4117, 15.1058**, and if you desaturate by 10%, it is **57.5912, 49.6860, 32.8610**.

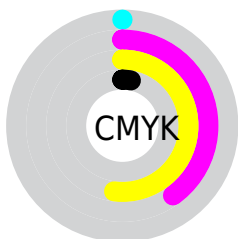
Distribution



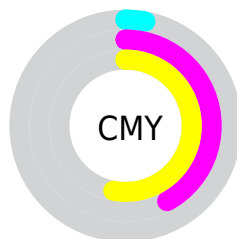
- Red (97%)
- Green (58%)
- Blue (47%)



- Red (97%)
- Yellow (61%)
- Blue (47%)



- Cyan (0%)
- Magenta (40%)
- Yellow (52%)
- Black (3%)





- Cyan (3%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6311, 42.4682, 22.8760 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 52.6311, 42.4682, 22.8760 by changing the saturation by 10% instead.


 52.6311, 42.4682,
22.8760


 52.6311, 42.4682,
22.8760


387.1523,
356.4202, 280.1887

 37.7347, 29.4681,
14.2975


 93.2300, 78.9077,
49.1103

 25.9531, 19.4352,
8.1868

 119.6633,
103.1159, 67.6031

 16.9210, 11.9852,
4.1252

 150.6728,
131.8290, 90.2379

 10.2732, 6.7336,
1.6943

186.6239,
165.4312, 117.4330

 5.6441, 3.2960,
0.3568

227.8821,
204.3070, 149.6072

 2.6685, 1.2882,
0.0000

274.8126,

 0.9810, 0.1320,

248.8409, 187.1788

0.0000

327.7809,
299.4171, 230.5665

■ 0.0000, 0.0000,
0.0000

■ 52.6311, 42.4682,
22.8760

■ 52.6311, 42.4682,
22.8760

■ 48.5625, 36.4117,
15.1058

■ 57.5912, 49.6860,
32.8610

■ 45.3265, 31.4482,
9.3769

■ 63.4901, 58.1156,
45.2113

■ 42.8619, 27.5120,
5.4939

■ 70.3756, 67.8123,
60.0670

■ 41.0962, 24.5270,
3.2208

■ 78.2911, 78.8261,
77.5564

■ 40.1140, 22.7619,
2.2792

■ 87.2775, 91.2042,
97.7992

92.5213, 98.6964,
108.7817

Harmonies

Analogous

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



57.0003, 42.4682, 37.7376



52.6311, 42.4682, 22.8760



45.1785, 42.4682, 16.0866

Triad

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



52.6311, 42.4682, 22.8760



27.6318, 42.4682, 34.1981



43.6208, 42.4682, 102.7148

Complementary

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



52.6311, 42.4682, 22.8760



49.8811, 61.3592, 98.0211

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.



35.9057, 42.4682, 100.8167



52.6311, 42.4682, 22.8760



27.3286, 42.4682, 55.9336

Square

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



52.6311, 42.4682, 22.8760



31.0597, 42.4682, 21.0119



30.1697, 42.4682, 81.7365



51.3641, 42.4682, 86.2997

Rectangle

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



52.6311, 42.4682, 22.8760



39.8068, 42.4682, 15.0904



30.1697, 42.4682, 81.7365



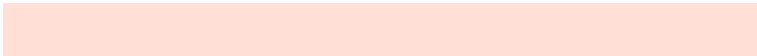
40.9279, 42.4682, 104.3153

Sweetspot

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



52.6321, 42.4704, 22.8768



79.8909, 79.1007, 74.8096



58.2332, 38.3203, 72.0722



16.7281, 16.4134, 15.1909



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.



52.6321, 42.4704, 22.8768



51.7053, 38.7459, 16.0384



65.4474, 68.1008, 27.1485



17.5611, 17.8581, 17.9838



21.7552, 12.4671, 1.2598



2.0906, 1.3061, 0.1419

Inverse Universe

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



49.8811, 61.3592, 98.0211



48.4184, 60.6544, 103.7633



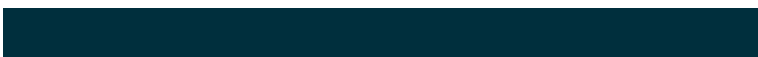
36.3644, 34.3258, 93.5156



17.4154, 18.9076, 22.1169



19.4734, 24.3023, 51.6380



1.8819, 2.4074, 4.8087

Previews

White Background



This preview shows how the XYZ color 52.6311, 42.4682, 22.8760 looks on a white background.

Color Contrast Check

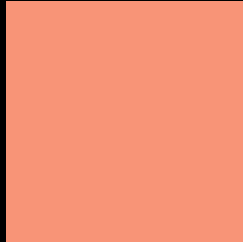
Large Text (above 18pt) WCAG AA × Fail

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 52.6311, 42.4682, 22.8760 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 52.6311, 42.4682, 22.8760

Background



This preview shows how black text looks on a background with the XYZ color 52.6311, 42.4682, 22.8760.



This preview shows how white text looks on a background with the XYZ color 52.6311, 42.4682,

22.8760.

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

52.6311, 42.4682, 22.8760

Protanopia

39.8528, 42.8364, 27.2869

Deuteranopia

43.4916, 42.5769, 22.1456



Tritanopia

55.4389, 42.4872, 35.8508

Trichromacy



Original Color

52.6311, 42.4682, 22.8760



Protanomaly

43.5155, 41.9719, 25.5465



Deuteranomaly

46.4637, 42.2499, 22.2291



Tritanomaly

54.3575, 42.4979, 30.5373

Monochromacy



Original Color

52.6311, 42.4682, 22.8760



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

43.7286, 41.8334, 36.7802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6311, 42.4682, 22.8760 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(248, 148, 119)` looks like.

```
.text, #text, p{  
    color:rgb(248, 148, 119)  
}
```

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(248, 148, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 148, 119) }
```

Border

The CSS property to change the border of an element to XYZ 52.6311, 42.4682, 22.8760 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(248, 148, 119) }
```


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

```
.border{ border-color:rgb(248, 148, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 148, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 148, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 148, 119);  
box-shadow:4px 4px 4px 4px rgb(248, 148,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6311, 42.4682, 22.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 148, 119) }
```

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

```
.background{ background-color: rgb(248,  
148, 119) }
```

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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