

Converting Colors

XYZ(46.4074, 38.1236, 22.1604)

Have a look what the booklet for
XYZ(46.4074, 38.1236, 22.1604)
contains.

XYZ(46.3712, 38.1087, 22.0512)	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(46.3712, 38.1087,
22.0512)**

Conversions

Conversions Part 1

Format	Color
Hex	E88F76
RGB	232, 143, 118
RGB Percent	91%, 56%, 46%
CMY	0.0902, 0.4392, 0.5373
CMYK	0.00, 0.38, 0.49, 0.09
HSL	13°, 71%, 69%
HSV	13°, 49%, 91%
XYZ	46.3712, 38.1087, 22.0512
YIQ	166.7610, 61.0690, 11.0930

Conversions

Conversions Part 2

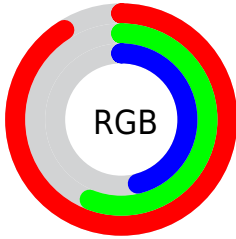
Format	Color
R_{YB}	232, 150, 118
Decimal	15241078
CIE _{Lab}	68.10, 31.11, 27.55
CIE _{LCh}	68, 41.559, 41.525
Yxy	38.1087, 0.4353, 0.3577
Android (android.graphics.Color)	4293431158 (0xFFE88F76)
YUV	166.7610, -24.0392, 57.2146
Hunter-Lab	61.7322, 26.0518, 22.0338

Details

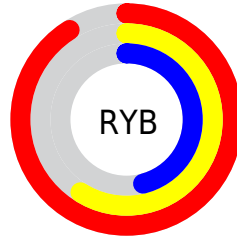
The XYZ color **46.3712, 38.1087, 22.0512** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **44.3484, 54.3009, 84.4875**, and the grayscale version is **36.7076, 38.6193, 42.0564**.

A 20% lighter version of the original color is **68.6898, 64.5504, 46.8693**, and **22.0488, 16.7961, 7.7101** is the 20% darker color. If you saturate the color by 10%, you get **42.6555, 32.6191, 14.8271**, and if you desaturate by 10%, it is **50.8668, 44.6157, 31.2086**.

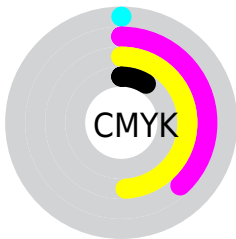
Distribution



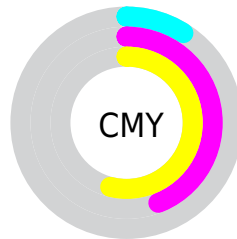
- Red (91%)
- Green (56%)
- Blue (46%)



- Red (91%)
- Yellow (59%)
- Blue (46%)



- Cyan (0%)
- Magenta (38%)
- Yellow (49%)
- Black (9%)





- Cyan (9%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3712, 38.1087, 22.0512 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 46.3712, 38.1087, 22.0512 by changing the saturation by 10% instead.


 46.3712, 38.1087,
22.0512


 46.3712, 38.1087,
22.0512


362.9900,
338.0860, 275.7758

 32.7447, 26.0671,
13.6958


 83.9987, 72.2747,
47.7339

 22.0892, 16.8738,
7.7731


 108.7305, 95.1679,
65.8983

 14.0395, 10.1446,
3.8644


 137.8947,
122.4470, 88.1695

 8.2300, 5.4949,
1.5513

171.8567,
154.4965, 114.9659

 4.2955, 2.5405,
0.2557

210.9819,
191.7008, 146.7063

 1.8706, 0.8968,
0.0000

255.6356,

 0.5597, 0.0000,

234.4442, 183.8090

0.0000

306.1831,
283.1111, 226.6926

■ 0.0000, 0.0000,
0.0000

■ 46.3712, 38.1087,
22.0512

■ 46.3712, 38.1087,
22.0512

■ 42.6555, 32.6191,
14.8271

■ 50.8668, 44.6157,
31.2086

■ 39.6706, 28.0889,
9.3937

■ 56.1818, 52.1826,
42.4233

■ 37.3657, 24.4629,
5.5923


■ 62.3563, 60.8564,
55.8118


■ 35.6818, 21.6777,
3.2347


■ 69.4270, 70.6798,
71.4808

■ 34.5378, 19.6565,
2.0312

■ 77.4284, 81.6930,
89.5301

 34.4576, 19.5137,
1.9504

 86.0365, 93.7916,
108.1767

 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



49.8501, 38.1087, 34.7663



46.3712, 38.1087, 22.0512



40.3141, 38.1087, 16.0203

Triad

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



46.3712, 38.1087, 22.0512



25.6439, 38.1087, 31.1836



38.7675, 38.1087, 87.1884

Complementary

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



46.3712, 38.1087, 22.0512



44.3484, 54.3009, 84.4875

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.



32.4151, 38.1087, 85.3646



46.3712, 38.1087, 22.0512



25.3346, 38.1087, 49.0378

Square

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



46.3712, 38.1087, 22.0512



28.5743, 38.1087, 20.1047



27.6722, 38.1087, 69.9246



45.1234, 38.1087, 74.3460

Rectangle

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



46.3712, 38.1087, 22.0512



35.8908, 38.1087, 15.0714



27.6722, 38.1087, 69.9246



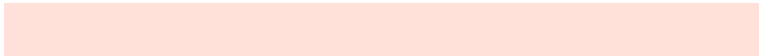
36.5536, 38.1087, 88.3528

Sweetspot

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



46.3721, 38.1106, 22.0519



80.6950, 80.1829, 76.6990



51.0565, 34.6326, 63.2178



16.8849, 16.6235, 15.5624



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.



46.3721, 38.1106, 22.0519



52.7908, 40.3189, 18.2436



57.1337, 59.6336, 25.6391



14.6320, 14.8780, 15.0050



19.2056, 10.9854, 1.1081



1.4871, 0.9475, 0.1045

Inverse Universe

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



44.3484, 54.3009, 84.4875



49.9441, 62.4384, 104.0272



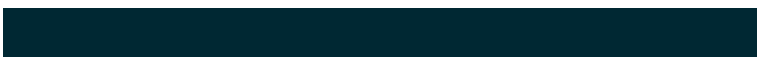
32.9913, 31.5866, 80.7018



14.5252, 15.7717, 18.4230



17.3691, 21.8003, 45.6756



1.3501, 1.7440, 3.3974

Previews

White Background



This preview shows how the XYZ color 46.3712, 38.1087, 22.0512 looks on a white background.

Color Contrast Check

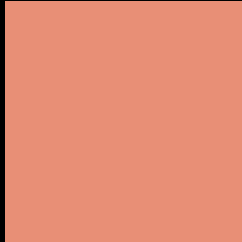
Large Text (above 18pt) WCAG AA × Fail

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 46.3712, 38.1087, 22.0512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

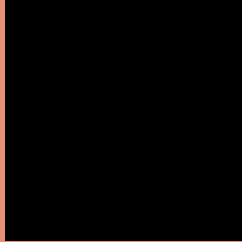
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3712, 38.1087, 22.0512

Background



This preview shows how black text looks on a background with the XYZ color 46.3712, 38.1087, 22.0512.



This preview shows how white text looks on a background with the XYZ color 46.3712, 38.1087,

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

46.3712, 38.1087, 22.0512

Protanopia

35.8926, 38.2959, 25.9222

Deuteranopia

39.0458, 38.1762, 21.5305



Tritanopia

48.5891, 38.1276, 33.2322

Trichromacy



Original Color

46.3712, 38.1087, 22.0512

Protanomaly

39.1537, 37.9147, 24.3234

Deuteranomaly

41.4076, 37.8923, 21.6545

Tritanomaly

47.5698, 37.9148, 28.8558

Monochromacy



Original Color

46.3712, 38.1087, 22.0512

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.1375, 37.7000, 33.6478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3712, 38.1087, 22.0512 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(232, 143, 118)` looks like.

```
.text, #text, p{  
    color:rgb(232, 143, 118)  
}
```

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(232, 143, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 143, 118) }
```

Border

The CSS property to change the border of an element to XYZ 46.3712, 38.1087, 22.0512 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(232, 143, 118) }
```


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

```
.border{ border-color:rgb(232, 143, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 143, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 143, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 143, 118);  
box-shadow:4px 4px 4px 4px rgb(232, 143,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3712, 38.1087, 22.0512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 143, 118) }
```

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

```
.background{ background-color: rgb(232,  
143, 118) }
```

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