

Converting Colors

XYZ(92.5037, 65.9231, 32.2907)

Have a look what the booklet for
XYZ(92.5037, 65.9231, 32.2907)
contains.

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Color

**XYZ(58.4710, 48.2657,
30.6605)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA08B
RGB	255, 160, 139
RGB Percent	100%, 63%, 55%
CMY	0.0000, 0.3725, 0.4549
CMYK	0.00, 0.37, 0.45, 0.00
HSL	11°, 100%, 77%
HSV	11°, 45%, 100%
XYZ	58.4710, 48.2657, 30.6605
YIQ	186.0110, 63.3610, 13.6090

Conversions

Conversions Part 2

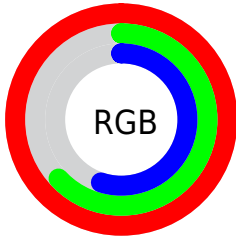
Format	Color
R _Y B	255, 165, 139
Decimal	16752779
CIE _{Lab}	74.99, 33.04, 25.79
CIE _{LCh}	75, 41.912, 37.982
Yxy	48.2657, 0.4256, 0.3513
Android (android.graphics.Color)	4294942859 (0xFFFFA08B)
YUV	186.0110, -23.1764, 60.5034
Hunter-Lab	69.4735, 28.6523, 22.4652

Details

The XYZ color **58.4710, 48.2657, 30.6605** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.1187, 71.5512, 105.3551**, and the grayscale version is **46.7804, 49.2166, 53.5968**.

A 20% lighter version of the original color is **75.4215, 74.2220, 60.8032**, and **29.5665, 22.8388, 12.3012** is the 20% darker color. If you saturate the color by 10%, you get **53.4995, 40.9649, 20.8584**, and if you desaturate by 10%, it is **64.4875, 56.9612, 42.9555**.

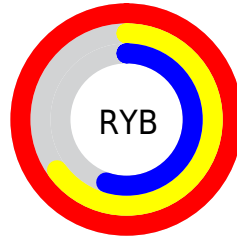
Distribution



Red (100%)

Green (63%)

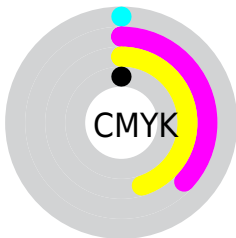
Blue (55%)



Red (100%)

Yellow (65%)

Blue (55%)

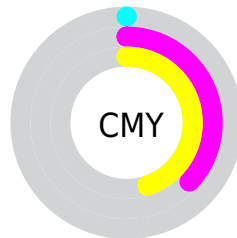


Cyan (0%)

Magenta (37%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (37%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4710, 48.2657, 30.6605 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 58.4710, 48.2657, 30.6605 by changing the saturation by 10% instead.


 58.4710, 48.2657,
30.6605

 58.4710, 48.2657,
30.6605


408.8643,
379.8443, 319.2738


 42.4322, 34.0373,
20.0842


 101.7275, 87.5999,
61.7785

 29.6324, 22.9223,
12.2716

 129.6758,
113.4745, 83.1572

 19.7064, 14.5361,
6.8041


 162.3246,
144.0000, 108.9738

 12.2888, 8.4945,
3.2633

200.0394,
179.5607, 139.6468

 7.0143, 4.4130,
1.2306

243.1854,
220.5411, 175.5948

 3.5175, 1.9071,
0.0039

292.1279,

 1.4329, 0.5527,

267.3256, 217.2362

0.0000

347.2325,
320.2986, 264.9897

■ 0.2795, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4710, 48.2657,
30.6605

■ 58.4710, 48.2657,
30.6605

■ 53.4995, 40.9649,
20.8584

■ 64.4875, 56.9612,
42.9555

■ 49.5084, 34.9786,
13.3750

■ 71.6013, 67.1116,
57.8959

■ 46.4313, 30.2294,
8.0175

■ 79.8654, 78.7826,
75.6253

■ 44.1913, 26.6285,
4.5610

■ 89.3285, 92.0334,
96.2761

■ 42.6979, 24.0746,
2.7285

95.0499, 99.9999,
108.9000

■ 42.2238, 23.2278,
2.2580

Harmonies

Analogous

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



62.0352, 48.2657, 46.9189



58.4710, 48.2657, 30.6605



51.6126, 48.2657, 22.3782

Triad

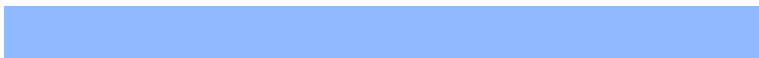
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.4710, 48.2657, 30.6605



33.5470, 48.2657, 38.2912



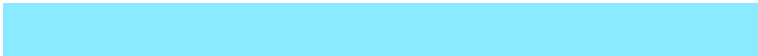
47.9477, 48.2657, 106.2732

Complementary

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



58.4710, 48.2657, 30.6605



58.1187, 71.5512, 105.3551

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.



40.5794, 48.2657, 102.0698



58.4710, 48.2657, 30.6605



32.7976, 48.2657, 58.6213

Square

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



58.4710, 48.2657, 30.6605



37.4065, 48.2657, 25.8544



35.2320, 48.2657, 82.9690



55.5341, 48.2657, 93.2335

Rectangle

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



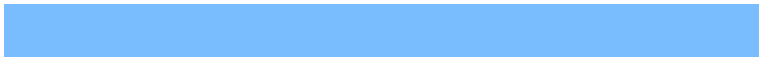
58.4710, 48.2657, 30.6605



46.3950, 48.2657, 20.6981



35.2320, 48.2657, 82.9690



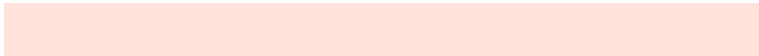
45.3591, 48.2657, 106.8851

Sweetspot

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



58.4722, 48.2681, 30.6614



81.1982, 80.6552, 78.5135



65.5646, 45.7623, 84.4806



16.9685, 16.6855, 15.9143



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.



58.4722, 48.2681, 30.6614



53.7198, 41.2913, 21.2830



70.5416, 72.4069, 34.6846



18.2753, 18.5189, 18.7556



22.1391, 12.2894, 1.2052



2.2241, 1.3337, 0.1402

Inverse Universe

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



58.1187, 71.5512, 105.3551



53.2737, 67.2206, 104.7748



44.5519, 44.4176, 100.8328



18.2587, 19.8890, 23.1266



21.4238, 27.7572, 53.6631



2.1555, 2.8417, 5.2482

Previews

White Background



This preview shows how the XYZ color 58.4710, 48.2657, 30.6605 looks on a white background.

Color Contrast Check

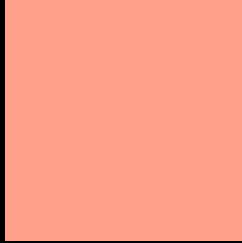
Large Text (above 18pt) WCAG AA × Fail

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 58.4710, 48.2657, 30.6605 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 58.4710, 48.2657, 30.6605

Background



This preview shows how black text looks on a background with the XYZ color 58.4710, 48.2657, 30.6605.



This preview shows how white text looks on a background with the XYZ color 58.4710, 48.2657,

30.6605.

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

58.4710, 48.2657, 30.6605

Protanopia

45.6189, 48.6357, 35.8374

Deuteranopia

49.3795, 48.2819, 30.0093



Tritanopia

60.3649, 48.2011, 43.1680

Trichromacy



Original Color

58.4710, 48.2657, 30.6605

Protanomaly

49.3289, 47.8777, 33.8355

Deuteranomaly

52.3570, 48.0878, 30.1893

Tritanomaly

59.5527, 48.1480, 38.0530

Monochromacy



Original Color

58.4710, 48.2657, 30.6605

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.7475, 48.1577, 44.2095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4710, 48.2657, 30.6605 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, 160, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 139)  
}
```

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, 160, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 139) }
```

Border

The CSS property to change the border of an element to XYZ 58.4710, 48.2657, 30.6605 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, 160, 139) }
```


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

```
.border{ border-color:rgb(255, 160, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4710, 48.2657, 30.6605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 139) }
```

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

```
.background{ background-color: rgb(255,  
160, 139) }
```

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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