

Converting Colors

XYZ(61.5200, 56.1597, 26.1400)

Have a look what the booklet for
XYZ(61.5200, 56.1597, 26.1400)
contains.

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Color

**XYZ(61.4808, 56.1210,
26.0044)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB67A
RGB	255, 182, 122
RGB Percent	100%, 71%, 48%
CMY	0.0000, 0.2862, 0.5216
CMYK	0.00, 0.29, 0.52, 0.00
HSL	27°, 100%, 74%
HSV	27°, 52%, 100%
XYZ	61.4808, 56.1210, 26.0044
YIQ	196.9870, 62.7680, -3.1840

Conversions

Conversions Part 2

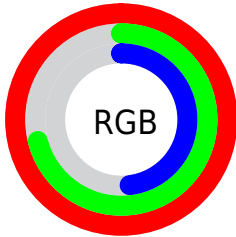
Format	Color
R _Y B	255, 231, 122
Decimal	16758394
CIE Lab	79.68, 19.99, 40.88
CIE LCh	80, 45.510, 63.940
Yxy	56.1210, 0.4281, 0.3908
Android (android.graphics.Color)	4294948474 (0xFFFFB67A)
YUV	196.9870, -36.9686, 50.8774
Hunter-Lab	74.9140, 15.3930, 31.8588

Details

The XYZ color **61.4808, 56.1210, 26.0044** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.5902, 50.3856, 101.9300**, and the grayscale version is **53.2540, 56.0273, 61.0137**.

A 20% lighter version of the original color is **79.5524, 85.5042, 52.8685**, and **31.5256, 27.7705, 9.8296** is the 20% darker color. If you saturate the color by 10%, you get **57.3792, 50.1233, 17.8384**, and if you desaturate by 10%, it is **66.2861, 62.8630, 36.4508**.

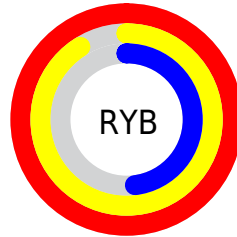
Distribution



Red (100%)

Green (71%)

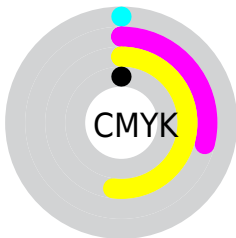
Blue (48%)



Red (100%)

Yellow (91%)

Blue (48%)

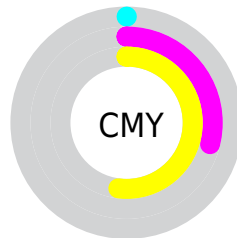


Cyan (0%)

Magenta (29%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4808, 56.1210, 26.0044 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 61.4808, 56.1210, 26.0044 by changing the saturation by 10% instead.


 61.4808, 56.1210,
26.0044

 61.4808, 56.1210,
26.0044


419.7825,
410.1473, 296.4098


 44.8673, 40.2999,
16.6011


 106.0690, 99.1815,
54.2662

 31.5538, 27.7725,
9.7916


 134.7744,
127.1897, 73.9618

 21.1748, 18.1542,
5.1572

 168.2411,
160.0291, 97.9254

 13.3650, 11.0608,
2.2794

206.8345,
198.0840, 126.5753

 7.7591, 6.1077,
0.7197

250.9201,
241.7389, 160.3301

 3.9917, 2.9107,
0.0000

300.8630,

 1.6974, 1.0853,

291.3782, 199.6085

0.0000

357.0287,
347.3862, 244.8289

■ 0.4547, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4808, 56.1210,
26.0044

■ 61.4808, 56.1210,
26.0044

■ 57.3792, 50.1233,
17.8384

■ 66.2861, 62.8630,
36.4508

■ 53.9356, 44.8315,
11.7722

■ 71.8287, 70.3688,
49.3329

■ 51.1045, 40.2157,
7.6025

■ 78.1444, 78.6674,
64.7957

■ 48.8304, 36.2389,
5.0831

■ 85.2654, 87.7834,
82.9722

47.3761, 33.5325,
3.9754

93.2220, 97.7405,
103.9859

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



69.3729, 56.1210, 36.9963



61.4808, 56.1210, 26.0044



52.1371, 56.1210, 23.2655

Triad

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



61.4808, 56.1210, 26.0044



37.5931, 56.1210, 64.6477



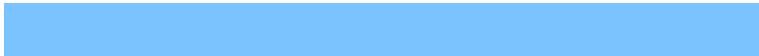
63.8203, 56.1210, 113.3961

Complementary

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



61.4808, 56.1210, 26.0044



45.5902, 50.3856, 101.9300

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.



54.5640, 56.1210, 126.7174



61.4808, 56.1210, 26.0044



39.9919, 56.1210, 93.9142

Square

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



61.4808, 56.1210, 26.0044



38.9988, 56.1210, 41.4734



45.9539, 56.1210, 118.7254



70.8288, 56.1210, 86.1239

Rectangle

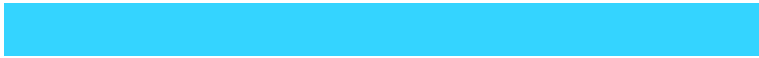
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.4808, 56.1210, 26.0044



46.4919, 56.1210, 25.5597



45.9539, 56.1210, 118.7254



60.8324, 56.1210, 119.9605

Sweetspot

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



61.4822, 56.1238, 26.0055



82.4312, 84.1813, 75.6563



58.0670, 39.1264, 56.2108



17.3295, 17.6162, 15.3913



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.



61.4822, 56.1238, 26.0055



57.0638, 49.6499, 17.2480



78.4279, 90.0152, 31.6541



18.6843, 19.3367, 18.8919



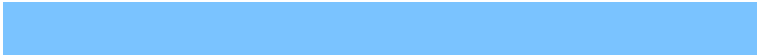
24.8995, 17.8102, 2.1254



2.5317, 1.9487, 0.2427

Inverse Universe

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



45.5902, 50.3856, 101.9300



39.5366, 43.2872, 100.8792



33.8807, 26.9666, 98.0268



17.8294, 19.0304, 22.9835



14.4794, 13.8683, 51.3483



1.5190, 1.5687, 5.0360

Previews

White Background



This preview shows how the XYZ color 61.4808, 56.1210, 26.0044 looks on a white background.

Color Contrast Check

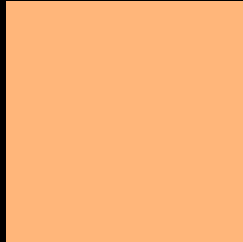
Large Text (above 18pt) WCAG AA × Fail

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 61.4808, 56.1210, 26.0044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

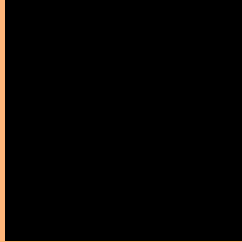
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4808, 56.1210, 26.0044

Background



This preview shows how black text looks on a background with the XYZ color 61.4808, 56.1210, 26.0044.



This preview shows how white text looks on a background with the XYZ color 61.4808, 56.1210,

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

61.4808, 56.1210, 26.0044

Protanopia

52.1147, 56.3938, 28.5604

Deuteranopia

57.5840, 56.3009, 25.9213



Tritanopia

65.8424, 55.9415, 54.9045

Trichromacy



Original Color

61.4808, 56.1210, 26.0044

Protanomaly

55.2487, 56.0286, 27.6414

Deuteranomaly

58.6663, 55.9108, 25.7890

Tritanomaly

63.8612, 55.7811, 42.5229

Monochromacy



Original Color

61.4808, 56.1210, 26.0044

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.0188, 55.5070, 45.8443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4808, 56.1210, 26.0044 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, 182, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 122)  
}
```

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, 182, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 122) }
```

Border

The CSS property to change the border of an element to XYZ 61.4808, 56.1210, 26.0044 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, 182, 122) }
```


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

```
.border{ border-color:rgb(255, 182, 122) }
```

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

Here you see how a box with a 4 pixel rgb(255, 182, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4808, 56.1210, 26.0044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 122) }
```

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

```
.background{ background-color: rgb(255,  
182, 122) }
```

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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