

Converting Colors

XYZ(63.6590, 57.9765, 24.9235)

Have a look what the booklet for
XYZ(63.6590, 57.9765, 24.9235)
contains.

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Color

**XYZ(61.6505, 56.8490,
24.8632)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FFB876 |
| RGB | 255, 184, 118 |
| RGB Percent | 100%, 72%, 46% |
| CMY | 0.0000, 0.2784, 0.5372 |
| CMYK | 0.00, 0.28, 0.54, 0.00 |
| HSL | 29°, 100%, 73% |
| HSV | 29°, 54%, 100% |
| XYZ | 61.6505, 56.8490, 24.8632 |
| YIQ | 197.7050, 63.5020, -5.4740 |

Conversions

Conversions Part 2

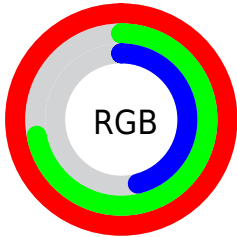
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 245, 118 |
| Decimal | 16758902 |
| CIE Lab | 80.09, 18.61, 43.44 |
| CIE LCh | 80, 47.257, 66.802 |
| Yxy | 56.8490, 0.4300, 0.3965 |
| Android (android.graphics.Color) | 4294948982 (0xFFFFB876) |
| YUV | 197.7050, -39.2946, 50.2477 |
| Hunter-Lab | 75.3983, 14.0061, 33.2274 |

Details

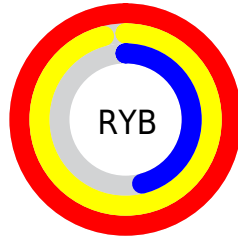
The XYZ color **61.6505, 56.8490, 24.8632** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.7179, 47.4646, 101.4647**, and the grayscale version is **53.7026, 56.4994, 61.5278**.

A 20% lighter version of the original color is **79.7508, 86.5205, 51.0249**, and **31.6654, 28.2521, 9.2531** is the 20% darker color. If you saturate the color by 10%, you get **57.7174, 51.0890, 17.0598**, and if you desaturate by 10%, it is **66.2524, 63.2913, 34.9110**.

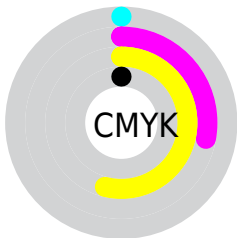
Distribution



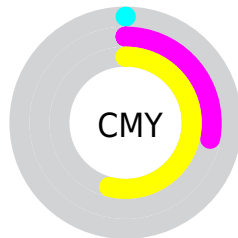
- Red (100%)
- Green (72%)
- Blue (46%)



- Red (100%)
- Yellow (96%)
- Blue (46%)



- Cyan (0%)
- Magenta (28%)
- Yellow (54%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6505, 56.8490, 24.8632 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 61.6505, 56.8490, 24.8632 by changing the saturation by 10% instead.


 61.6505, 56.8490,
24.8632

 61.6505, 56.8490,
24.8632


420.3930,
412.8833, 290.5818


 45.0049, 40.8840,
15.7571


 106.3130,
100.2448, 52.3966

 31.6626, 28.2285,
9.1999


 135.0607,
128.4445, 71.6609

 21.2582, 18.4980,
4.7732


 168.5730,
161.4911, 95.1484

 13.4264, 11.3081,
2.0584

207.2154,
199.7692, 123.2775

 7.8018, 6.2745,
0.5909

251.3533,
243.6630, 156.4669

 4.0191, 3.0127,
0.0000

301.3519,

 1.7130, 1.1384,

293.5570, 195.1351

0.0000

357.5767,
349.8356, 239.7005

■ 0.4644, 0.0105,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6505, 56.8490,
24.8632

■ 61.6505, 56.8490,
24.8632

■ 57.7174, 51.0890,
17.0598

■ 66.2524, 63.2913,
34.9110

■ 54.4081, 45.9753,
11.3171

■ 71.5556, 70.4330,
47.3607

■ 51.6774, 41.4806,
7.4269

■ 77.5954, 78.3006,
62.3588

■ 49.4698, 37.5703,
5.1347

■ 84.4030, 86.9167,
80.0396

■ 48.3051, 35.3905,
4.2851

■ 92.0078, 96.3027,
100.5274

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



70.2356, 56.8490, 35.2822



61.6505, 56.8490, 24.8632



51.8722, 56.8490, 22.7951

Triad

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



61.6505, 56.8490, 24.8632



37.6712, 56.8490, 68.3867



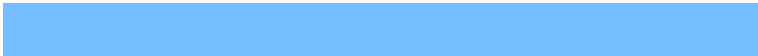
65.8867, 56.8490, 114.7321

Complementary

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



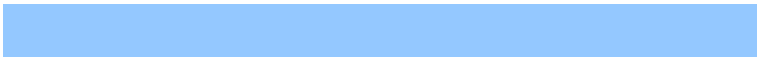
61.6505, 56.8490, 24.8632



43.7179, 47.4646, 101.4647

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.



56.2535, 56.8490, 130.7934



61.6505, 56.8490, 24.8632



40.5365, 56.8490, 99.3586

Square

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



61.6505, 56.8490, 24.8632



38.7547, 56.8490, 43.2917



47.0708, 56.8490, 124.4610



72.8771, 56.8490, 85.1943

Rectangle

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



61.6505, 56.8490, 24.8632



46.1157, 56.8490, 25.6376



47.0708, 56.8490, 124.4610



62.8089, 56.8490, 122.2315

Sweetspot

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



61.6519, 56.8518, 24.8643



82.7854, 84.8897, 75.7744



57.1299, 37.9818, 53.6493



17.4137, 17.7846, 15.4194



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.



61.6519, 56.8518, 24.8643



57.6183, 50.9398, 16.8750



78.8302, 91.2085, 30.5904



18.7316, 19.4313, 18.9077



25.3884, 18.7880, 2.2883



2.5807, 2.0467, 0.2590

Inverse Universe

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



43.7179, 47.4646, 101.4647



38.0419, 40.6814, 100.4550



32.5510, 25.1308, 97.7424



17.7817, 18.9350, 22.9676



13.9035, 12.7165, 51.1563



1.4632, 1.4570, 5.0174

Previews

White Background



This preview shows how the XYZ color 61.6505, 56.8490, 24.8632 looks on a white background.

Color Contrast Check

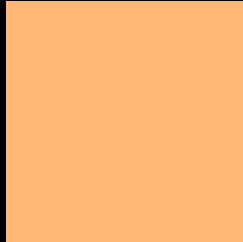
Large Text (above 18pt) WCAG AA × Fail

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 61.6505, 56.8490, 24.8632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

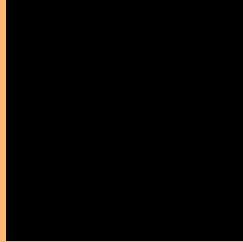
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6505, 56.8490, 24.8632

Background



This preview shows how black text looks on a background with the XYZ color 61.6505, 56.8490, 24.8632.



This preview shows how white text looks on a background with the XYZ color 61.6505, 56.8490,

24.8632.

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

61.6505, 56.8490, 24.8632

Protanopia

52.6768, 57.0538, 27.3049

Deuteranopia

58.2423, 56.9885, 24.7598



Tritanopia

66.4547, 56.8185, 56.1797

Trichromacy



Original Color

61.6505, 56.8490, 24.8632

Protanomaly

55.7596, 56.9776, 26.4713

Deuteranomaly

59.5519, 57.0250, 24.6978

Tritanomaly

64.2621, 56.5829, 42.6566

Monochromacy



Original Color

61.6505, 56.8490, 24.8632

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.4448, 56.0646, 45.4354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6505, 56.8490, 24.8632 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, 184, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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(255, 184, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 118) }
```

Border

The CSS property to change the border of an element to XYZ 61.6505, 56.8490, 24.8632 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, 184, 118) }
```


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

```
.border{ border-color:rgb(255, 184, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6505, 56.8490, 24.8632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 118) }
```

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

```
.background{ background-color: rgb(255,  
184, 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](#).

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