

Converting Colors

XYZ(88.8792, 71.9655, 24.4419)

Have a look what the booklet for
XYZ(88.8792, 71.9655, 24.4419)
contains.

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Color

**XYZ(61.9350, 57.9705,
23.2543)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBB70
RGB	255, 187, 112
RGB Percent	100%, 73%, 44%
CMY	0.0000, 0.2666, 0.5608
CMYK	0.00, 0.27, 0.56, 0.00
HSL	31°, 100%, 72%
HSV	31°, 56%, 100%
XYZ	61.9350, 57.9705, 23.2543
YIQ	198.7820, 64.6030, -8.9090

Conversions

Conversions Part 2

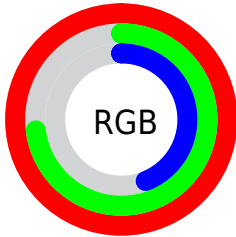
Format	Color
R _Y B	242, 255, 112
Decimal	16759664
CIE Lab	80.72, 16.57, 47.21
CIE LCh	81, 50.039, 70.658
Yxy	57.9705, 0.4326, 0.4049
Android (android.graphics.Color)	4294949744 (0xFFFFBB70)
YUV	198.7820, -42.7835, 49.3032
Hunter-Lab	76.1384, 11.9593, 35.1884

Details

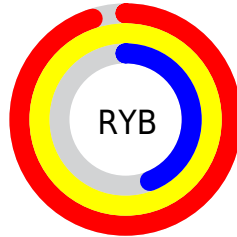
The XYZ color **61.9350, 57.9705, 23.2543** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.0526, 43.3054, 100.8025**, and the grayscale version is **54.3797, 57.2117, 62.3035**.

A 20% lighter version of the original color is **80.0821, 88.0778, 48.3772**, and **31.8731, 28.9892, 8.3305** is the 20% darker color. If you saturate the color by 10%, you get **58.2469, 52.5540, 15.9845**, and if you desaturate by 10%, it is **66.2451, 63.9879, 32.7156**.

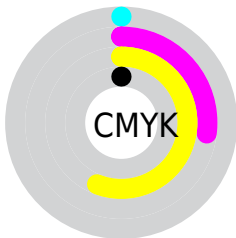
Distribution



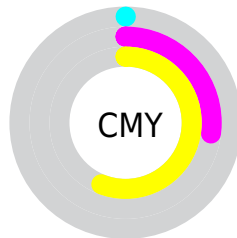
- Red (100%)
- Green (73%)
- Blue (44%)



- Red (95%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (27%)
- Yellow (56%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9350, 57.9705, 23.2543 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 61.9350, 57.9705, 23.2543 by changing the saturation by 10% instead.


 61.9350, 57.9705,
23.2543

 61.9350, 57.9705,
23.2543


421.4153,
417.0760, 282.1926

 45.2356, 41.7849,
14.5743


 106.7220,
101.8799, 49.7390


 31.8451, 28.9329,
8.3779


 135.5404,
130.3725, 68.3809

 21.3982, 19.0301,
4.2465


 169.1291,
163.7363, 91.1804

 13.5295, 11.6920,
1.7615

 207.8535,
202.3556, 118.5562

 7.8737, 6.5343,
0.4024

252.0790,
246.6148, 150.9268

 4.0653, 3.1726,
0.0000

302.1708,

 1.7392, 1.2225,

296.8984, 188.7107

0.0000

358.4945,
353.5906, 232.3264

■ 0.4806, 0.0800,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9350, 57.9705,
23.2543

■ 61.9350, 57.9705,
23.2543

■ 58.2469, 52.5540,
15.9845

■ 66.2451, 63.9879,
32.7156

■ 55.1364, 47.7051,
10.7172

■ 71.2089, 70.6204,
44.5293

■ 52.5583, 43.3993,
7.2363

■ 76.8608, 77.8917,
58.8448

■ 50.4561, 39.6048,
5.2724

■ 83.2311, 85.8219,
75.7982

■ 49.7307, 38.2415,
4.7603

■ 90.3481, 94.4296,
95.5156

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.



71.5618, 57.9705, 32.8660



61.9350, 57.9705, 23.2543



51.5109, 57.9705, 22.1285

Triad

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



61.9350, 57.9705, 23.2543



37.8112, 57.9705, 74.2221



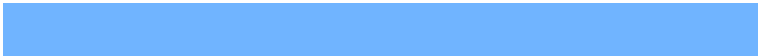
69.0626, 57.9705, 116.7800

Complementary

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



61.9350, 57.9705, 23.2543



41.0526, 43.3054, 100.8025

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.



58.8504, 57.9705, 137.0433



61.9350, 57.9705, 23.2543



41.3774, 57.9705, 107.8487

Square

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



61.9350, 57.9705, 23.2543



38.4194, 57.9705, 46.1092



48.7859, 57.9705, 133.3432



76.0190, 57.9705, 83.8714

Rectangle

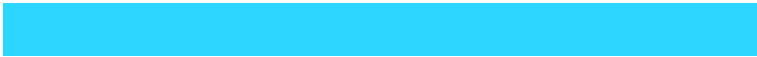
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.9350, 57.9705, 23.2543



45.5894, 57.9705, 25.7733



48.7859, 57.9705, 133.3432



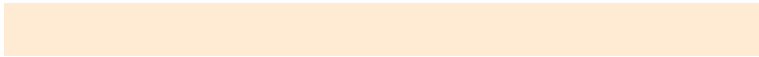
65.8473, 57.9705, 125.6991

Sweetspot

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



61.9364, 57.9733, 23.2554



82.6129, 85.0625, 74.1207



55.3869, 36.1898, 47.8455



17.3989, 17.8570, 15.1001



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.



61.9364, 57.9733, 23.2554



57.9366, 52.0833, 15.4178



79.0531, 93.5004, 29.2107



18.7979, 19.5639, 18.9298



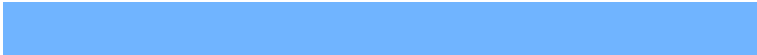
26.1361, 20.2835, 2.5376



2.6542, 2.1938, 0.2836

Inverse Universe

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



41.0526, 43.3054, 100.8025



35.2445, 36.1616, 99.7300



30.8340, 22.4121, 97.3083



17.7154, 18.8025, 22.9455



13.1671, 11.2439, 50.9109



1.3905, 1.3117, 4.9932

Previews

White Background



This preview shows how the XYZ color 61.9350, 57.9705, 23.2543 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 61.9350, 57.9705, 23.2543 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 61.9350, 57.9705, 23.2543

Background



This preview shows how black text looks on a background with the XYZ color 61.9350, 57.9705, 23.2543.



This preview shows how white text looks on a background with the XYZ color 61.9350, 57.9705,

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

61.9350, 57.9705, 23.2543

Protanopia

53.6127, 58.2733, 25.2518

Deuteranopia

59.1562, 57.8218, 23.0818



Tritanopia

67.2783, 58.1135, 57.5403

Trichromacy



Original Color

61.9350, 57.9705, 23.2543

Protanomaly

56.4387, 58.0413, 24.4481

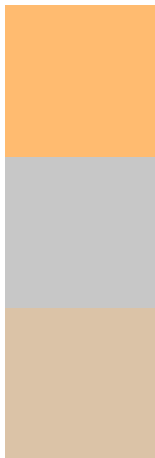
Deuteranomaly

60.3496, 58.1143, 23.0753

Tritanomaly

64.7843, 57.7713, 42.3868

Monochromacy



Original Color

61.9350, 57.9705, 23.2543

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.7036, 56.8803, 44.6023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9350, 57.9705, 23.2543 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, 187, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 112)  
}
```

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, 187, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 112) }
```

Border

The CSS property to change the border of an element to XYZ 61.9350, 57.9705, 23.2543 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, 187, 112) }
```


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

```
.border{ border-color:rgb(255, 187, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 187, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 187, 112); box-shadow:4px 4px 4px 4px rgb(255, 187, 112) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9350, 57.9705, 23.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 112) }
```

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

```
.background{ background-color: rgb(255,  
187, 112) }
```

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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