

Converting Colors

XYZ(65.1993, 58.9346, 22.2679)

Have a look what the booklet for
XYZ(65.1993, 58.9346, 22.2679)
contains.

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Color

**XYZ(61.3493, 57.0621,
22.2486)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB96D
RGB	255, 185, 109
RGB Percent	100%, 73%, 43%
CMY	0.0000, 0.2745, 0.5725
CMYK	0.00, 0.27, 0.57, 0.00
HSL	31°, 100%, 71%
HSV	31°, 57%, 100%
XYZ	61.3493, 57.0621, 22.2486
YIQ	197.2660, 66.1160, -8.7960

Conversions

Conversions Part 2

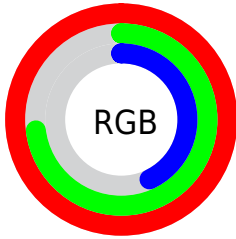
Format	Color
R _Y B	243, 255, 109
Decimal	16759149
CIE Lab	80.21, 17.39, 48.09
CIE LCh	80, 51.136, 70.117
Yxy	57.0621, 0.4362, 0.4057
Android (android.graphics.Color)	4294949229 (0xFFFFB96D)
YUV	197.2660, -43.5151, 50.6327
Hunter-Lab	75.5395, 12.7745, 35.4150

Details

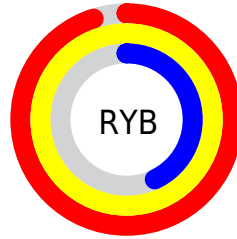
The XYZ color **61.3493, 57.0621, 22.2486** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **40.4759, 42.7094, 100.7177**, and the grayscale version is **53.4599, 56.2440, 61.2497**.

A 20% lighter version of the original color is **79.2169, 86.7792, 46.7573**, and **31.5207, 28.4101, 7.8254** is the 20% darker color. If you saturate the color by 10%, you get **57.7224, 51.6958, 15.2216**, and if you desaturate by 10%, it is **65.5969, 63.0331, 31.4476**.

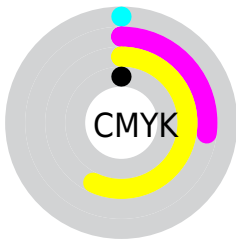
Distribution



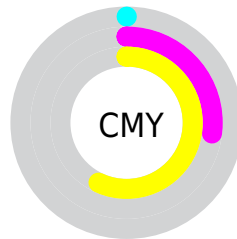
- Red (100%)
- Green (73%)
- Blue (43%)



- Red (95%)
- Yellow (100%)
- Blue (43%)



- Cyan (0%)
- Magenta (27%)
- Yellow (57%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3493, 57.0621, 22.2486 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 61.3493, 57.0621, 22.2486 by changing the saturation by 10% instead.

 61.3493, 57.0621,
22.2486


 61.3493, 57.0621,
22.2486


419.3091,
413.6820, 276.8375

 44.7607, 41.0551,
13.8396


 105.8798,
100.5558, 48.0640


 31.4695, 28.3621,
7.8717


 134.5524,
128.8113, 66.3075

 21.1102, 18.5988,
3.9264


 167.9838,
161.9184, 88.6662

 13.3175, 11.3808,
1.5850

 206.5392,
200.2615, 115.5587

 7.7260, 6.3236,
0.2801

250.5841,
244.2250, 147.4036

 3.9705, 3.0428,
0.0000

300.4838,

 1.6854, 1.1541,

294.1933, 184.6193

0.0000

356.6037,
350.5509, 227.6244

0.4471, 0.0237,
0.0000

0.0000, 0.0000,
0.0000

61.3493, 57.0621,
22.2486

61.3493, 57.0621,
22.2486

57.7224, 51.6958,
15.2216

65.5969, 63.0331,
31.4476

54.6712, 46.9006,
10.1745

70.4979, 69.6234,
42.9817

52.1495, 42.6511,
6.8865

76.0867, 76.8576,
57.0021

50.0974, 38.9138,
5.0718

82.3942, 84.7556,
73.6461

■ 49.5932, 37.9667,
4.7145

■ 89.4490, 93.3368,
93.0411

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.



71.0703, 57.0621, 31.9755



61.3493, 57.0621, 22.2486



50.7876, 57.0621, 20.9961

Triad

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



61.3493, 57.0621, 22.2486



36.7859, 57.0621, 72.7796



68.2171, 57.0621, 117.2421

Complementary

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



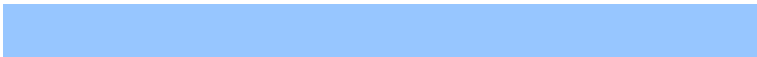
61.3493, 57.0621, 22.2486



40.4759, 42.7094, 100.7177

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.



57.8366, 57.0621, 137.5957



61.3493, 57.0621, 22.2486



40.2947, 57.0621, 106.9932

Square

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



61.3493, 57.0621, 22.2486



37.4726, 57.0621, 44.5665



47.6946, 57.0621, 133.3386



75.3742, 57.0621, 83.7928

Rectangle

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



61.3493, 57.0621, 22.2486



44.7793, 57.0621, 24.5049



47.6946, 57.0621, 133.3386



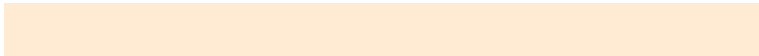
64.9379, 57.0621, 126.2617

Sweetspot

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



61.3507, 57.0649, 22.2497



82.5644, 84.9654, 74.1045



54.9029, 35.4753, 46.9031



17.3875, 17.8341, 15.0963



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.



61.3507, 57.0649, 22.2497



57.1496, 50.8182, 14.2035



78.8705, 93.4252, 28.3445



18.7918, 19.5517, 18.9278



26.0641, 20.1395, 2.5136



2.6472, 2.1798, 0.2812

Inverse Universe

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



40.4759, 42.7094, 100.7177



34.4473, 35.2218, 99.5907



30.1293, 21.5655, 97.1819



17.7215, 18.8146, 22.9475



13.2316, 11.3728, 50.9324



1.3969, 1.3246, 4.9953

Previews

White Background



This preview shows how the XYZ color 61.3493, 57.0621, 22.2486 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 61.3493, 57.0621, 22.2486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

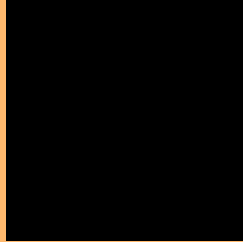
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3493, 57.0621, 22.2486

Background



This preview shows how black text looks on a background with the XYZ color 61.3493, 57.0621, 22.2486.



This preview shows how white text looks on a background with the XYZ color 61.3493, 57.0621,

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

61.3493, 57.0621, 22.2486

Protanopia

52.6741, 57.1218, 24.1690

Deuteranopia

58.4285, 57.1427, 22.1375



Tritanopia

66.6544, 57.2179, 56.2463

Trichromacy



Original Color

61.3493, 57.0621, 22.2486

Protanomaly

55.4951, 56.9092, 23.3889

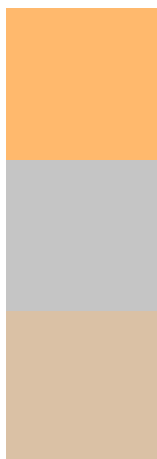
Deuteranomaly

59.4014, 57.0056, 22.0597

Tritanomaly

64.1969, 56.8810, 41.3138

Monochromacy



Original Color

61.3493, 57.0621, 22.2486

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.7749, 55.7620, 43.4735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3493, 57.0621, 22.2486 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, 185, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 109)  
}
```

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, 185, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 109) }
```

Border

The CSS property to change the border of an element to XYZ 61.3493, 57.0621, 22.2486 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, 185, 109) }
```


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

```
.border{ border-color:rgb(255, 185, 109) }
```

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

Here you see how a box with a 4 pixel rgb(255, 185, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3493, 57.0621, 22.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 109) }
```

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

```
.background{ background-color: rgb(255,  
185, 109) }
```

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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