

Converting Colors

XYZ(68.7634, 60.6606, 22.2757)

Have a look what the booklet for
XYZ(68.7634, 60.6606, 22.2757)
contains.

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Color

**XYZ(61.0873, 56.6237,
21.8972)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB86C
RGB	255, 184, 108
RGB Percent	100%, 72%, 42%
CMY	0.0000, 0.2784, 0.5765
CMYK	0.00, 0.28, 0.58, 0.00
HSL	31°, 100%, 71%
HSV	31°, 58%, 100%
XYZ	61.0873, 56.6237, 21.8972
YIQ	196.5650, 66.7120, -8.5840

Conversions

Conversions Part 2

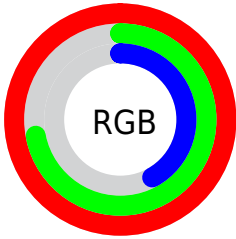
Format	Color
R _Y B	245, 255, 108
Decimal	16758892
CIE Lab	79.97, 17.84, 48.28
CIE LCh	80, 51.475, 69.722
Yxy	56.6237, 0.4376, 0.4056
Android (android.graphics.Color)	4294948972 (0xFFFFB86C)
YUV	196.5650, -43.6625, 51.2475
Hunter-Lab	75.2487, 13.2220, 35.4209

Details

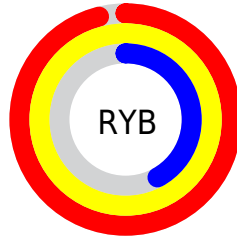
The XYZ color **61.0873, 56.6237, 21.8972** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **40.3537, 42.6465, 100.7121**, and the grayscale version is **53.0366, 55.7986, 60.7647**.

A 20% lighter version of the original color is **78.8331, 86.1534, 46.1925**, and **31.3605, 28.1301, 7.6477** is the 20% darker color. If you saturate the color by 10%, you get **57.4759, 51.2646, 14.9490**, and if you desaturate by 10%, it is **65.3209, 62.5926, 31.0115**.

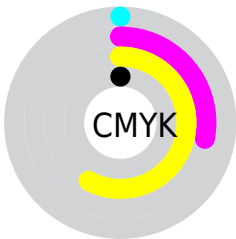
Distribution



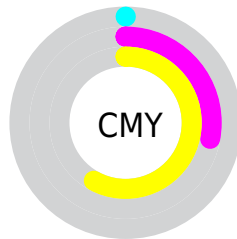
- Red (100%)
- Green (72%)
- Blue (42%)



- Red (96%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (28%)
- Yellow (58%)
- Black (0%)




- Cyan (0%)
- Magenta (28%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0873, 56.6237, 21.8972 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 61.0873, 56.6237, 21.8972 by changing the saturation by 10% instead.


 61.0873, 56.6237,
21.8972


 61.0873, 56.6237,
21.8972


418.3648,
412.0378, 274.9449

 44.5484, 40.7032,
13.5838


 105.5027, 99.9159,
47.4760


 31.3017, 28.0872,
7.6963


 134.1100,
128.0564, 65.5786

 20.9816, 18.3914,
3.8163


 167.4708,
161.0390, 87.7812

 13.2229, 11.2314,
1.5251

 205.9504,
199.2482, 114.5025

 7.6603, 6.2227,
0.2365

249.9143,
243.0682, 146.1609

 3.9283, 2.9810,
0.0000

299.7278,

 1.6617, 1.1218,

292.8836, 183.1751

0.0000

355.7561,
349.0786, 225.9636

■ 0.4321, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0873, 56.6237,
21.8972

■ 61.0873, 56.6237,
21.8972

■ 57.4759, 51.2646,
14.9490

■ 65.3209, 62.5926,
31.0115

■ 54.4414, 46.4812,
9.9736

■ 70.2096, 69.1864,
42.4558

■ 51.9370, 42.2479,
6.7486

■ 75.7883, 76.4296,
56.3818

■ 49.9013, 38.5301,
4.9793

■ 82.0878, 84.3428,
72.9275

■ 49.4703, 37.7209,
4.6735

■ 89.1370, 92.9454,
92.2204

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.



70.7994, 56.6237, 31.7074



61.0873, 56.6237, 21.8972



50.4972, 56.6237, 20.5515

Triad

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



61.0873, 56.6237, 21.8972



36.3454, 56.6237, 71.8895



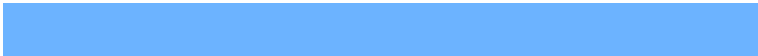
67.7072, 56.6237, 117.3477

Complementary

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



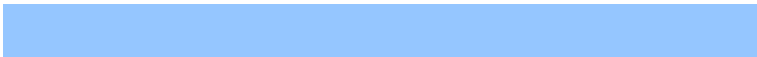
61.0873, 56.6237, 21.8972



40.3537, 42.6465, 100.7121

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.



57.2836, 56.6237, 137.5376



61.0873, 56.6237, 21.8972



39.7972, 56.6237, 106.2214

Square

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



61.0873, 56.6237, 21.8972



37.0868, 56.6237, 43.7836



47.1516, 56.6237, 132.9122



74.9513, 56.6237, 83.8242

Rectangle

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



61.0873, 56.6237, 21.8972



44.4598, 56.6237, 23.9670



47.1516, 56.6237, 132.9122



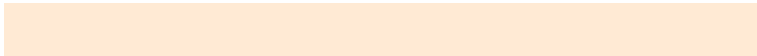
64.4076, 56.6237, 126.3426

Sweetspot

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



61.0886, 56.6265, 21.8983



82.5206, 84.8779, 74.0899



54.7445, 35.2423, 46.5920



17.3771, 17.8135, 15.0928



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.



61.0886, 56.6265, 21.8983



57.0324, 50.5839, 14.1644



78.8110, 93.4007, 28.0624



18.7862, 19.5407, 18.9259



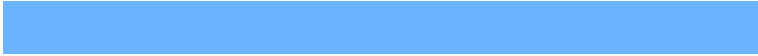
25.9998, 20.0108, 2.4921



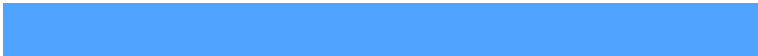
2.6409, 2.1672, 0.2791

Inverse Universe

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



40.3537, 42.6465, 100.7121



34.5586, 35.4445, 99.6278



29.8996, 21.2897, 97.1408



17.7270, 18.8256, 22.9493



13.2903, 11.4902, 50.9519



1.4028, 1.3363, 4.9973

Previews

White Background



This preview shows how the XYZ color 61.0873, 56.6237, 21.8972 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 61.0873, 56.6237, 21.8972 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 61.0873, 56.6237, 21.8972

Background



This preview shows how black text looks on a background with the XYZ color 61.0873, 56.6237, 21.8972.



This preview shows how white text looks on a background with the XYZ color 61.0873, 56.6237,

21.8972.

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

61.0873, 56.6237, 21.8972

Protanopia

52.3175, 56.9445, 23.8567

Deuteranopia

57.8136, 56.5114, 21.7706



Tritanopia

66.3457, 56.7749, 55.6060

Trichromacy



Original Color

61.0873, 56.6237, 21.8972

Protanomaly

55.1160, 56.7202, 23.0821

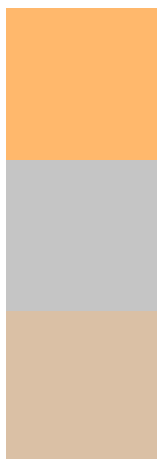
Deuteranomaly

58.7819, 56.3763, 21.6935

Tritanomaly

63.9064, 56.4406, 40.7836

Monochromacy



Original Color

61.0873, 56.6237, 21.8972

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.5546, 55.3213, 43.4001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0873, 56.6237, 21.8972 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 108) }
```

Border

The CSS property to change the border of an element to XYZ 61.0873, 56.6237, 21.8972 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, 108) }
```


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

```
.border{ border-color:rgb(255, 184, 108) }
```

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, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0873, 56.6237, 21.8972 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, 108) }
```

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

```
.background{ background-color: rgb(255,  
184, 108) }
```

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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