

Converting Colors

XYZ(61.1289, 56.3405, 23.0407)

Have a look what the booklet for
XYZ(61.1289, 56.3405, 23.0407)
contains.

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Color

**XYZ(61.0981, 56.2968,
22.9754)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB770
RGB	255, 183, 112
RGB Percent	100%, 72%, 44%
CMY	0.0000, 0.2823, 0.5608
CMYK	0.00, 0.28, 0.56, 0.00
HSL	30°, 100%, 72%
HSV	30°, 56%, 100%
XYZ	61.0981, 56.2968, 22.9754
YIQ	196.4340, 65.7030, -6.8170

Conversions

Conversions Part 2

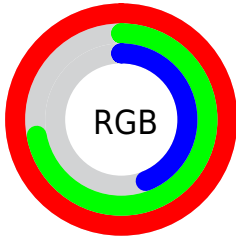
Format	Color
R _Y B	255, 253, 112
Decimal	16758640
CIE Lab	79.78, 18.66, 46.07
CIE LCh	80, 49.710, 67.948
Yxy	56.2968, 0.4353, 0.4011
Android (android.graphics.Color)	4294948720 (0xFFFFB770)
YUV	196.4340, -41.6260, 51.3624
Hunter-Lab	75.0312, 14.0484, 34.3666

Details

The XYZ color **61.0981, 56.2968, 22.9754** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.8717, 44.9437, 101.0754**, and the grayscale version is **52.9461, 55.7034, 60.6610**.

A 20% lighter version of the original color is **78.8980, 85.7096, 47.9825**, and **31.3578, 27.9152, 8.2929** is the 20% darker color. If you saturate the color by 10%, you get **57.3462, 50.7527, 15.6843**, and if you desaturate by 10%, it is **65.4962, 62.4904, 32.4660**.

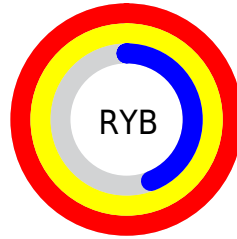
Distribution



Red (100%)

Green (72%)

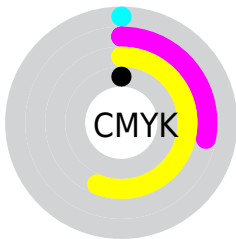
Blue (44%)



Red (100%)

Yellow (99%)

Blue (44%)

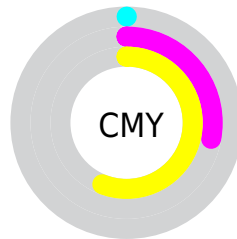


Cyan (0%)

Magenta (28%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0981, 56.2968, 22.9754 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 61.0981, 56.2968, 22.9754 by changing the saturation by 10% instead.


 61.0981, 56.2968,
22.9754

 61.0981, 56.2968,
22.9754


418.4038,
410.8091, 280.7164


 44.5572, 40.4409,
14.3702


 105.5183, 99.4384,
49.2756


 31.3086, 27.8825,
8.2369


 134.1282,
127.4929, 67.8077

 20.9869, 18.2371,
4.1570


 167.4919,
160.3825, 90.4859

 13.2268, 11.1204,
1.7119

 205.9747,
198.4914, 117.7286

 7.6630, 6.1478,
0.3688

249.9419,
242.2041, 149.9545

 3.9301, 2.9352,
0.0000

299.7589,

 1.6626, 1.0980,

291.9050, 187.5821

0.0000

355.7911,
347.9786, 231.0299

■ 0.4327, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0981, 56.2968,
22.9754

■ 61.0981, 56.2968,
22.9754

■ 57.3462, 50.7527,
15.6843

■ 65.4962, 62.4904,
32.4660

■ 54.1952, 45.8228,
10.4035

■ 70.5736, 69.3498,
44.3175

■ 51.5987, 41.4803,
6.9164

■ 76.3654, 76.9009,
58.6797

■ 49.4991, 37.6908,
4.9534

■ 82.9028, 85.1654,
75.6888

48.7800, 36.3403,
4.4434

90.2152, 94.1638,
95.4713

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.



70.2429, 56.2968, 33.1700



61.0981, 56.2968, 22.9754



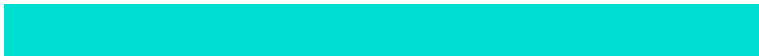
50.8801, 56.2968, 21.1948

Triad

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



61.0981, 56.2968, 22.9754



36.5580, 56.2968, 69.2747



66.2959, 56.2968, 116.1295

Complementary

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



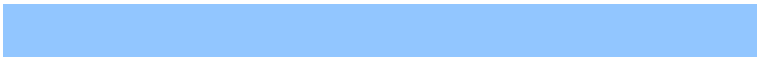
61.0981, 56.2968, 22.9754



41.8717, 44.9437, 101.0754

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.



56.2258, 56.2968, 134.0881



61.0981, 56.2968, 22.9754



39.6682, 56.2968, 102.0274

Square

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



61.0981, 56.2968, 22.9754



37.5191, 56.2968, 42.7753



46.5748, 56.2968, 128.2472



73.4961, 56.2968, 84.5175

Rectangle

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



61.0981, 56.2968, 22.9754



44.9515, 56.2968, 24.2491



46.5748, 56.2968, 128.2472



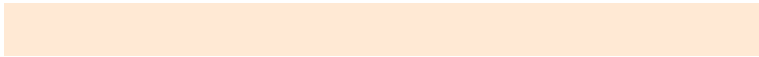
63.0877, 56.2968, 124.3511

Sweetspot

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



61.0994, 56.2996, 22.9765



82.2681, 84.3729, 74.0057



55.8848, 36.3890, 50.4681



17.3176, 17.6943, 15.0730



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.



61.0994, 56.2996, 22.9765



57.0312, 50.2727, 15.1161



79.1688, 92.4383, 28.9996



18.7544, 19.4770, 18.9153



25.6378, 19.2868, 2.3715



2.6054, 2.0961, 0.2673

Inverse Universe

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



41.8717, 44.9437, 101.0754



36.1253, 37.9232, 100.0236



30.7932, 22.7866, 97.3826



17.7588, 18.8892, 22.9599



13.6405, 12.1906, 51.0687



1.4374, 1.4055, 5.0088

Previews

White Background



This preview shows how the XYZ color 61.0981, 56.2968, 22.9754 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 61.0981, 56.2968, 22.9754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

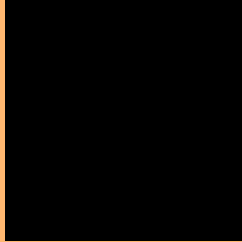
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0981, 56.2968, 22.9754

Background



This preview shows how black text looks on a background with the XYZ color 61.0981, 56.2968, 22.9754.



This preview shows how white text looks on a background with the XYZ color 61.0981, 56.2968,

22.9754.

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

61.0981, 56.2968, 22.9754

Protanopia

52.0794, 56.4479, 25.2902

Deuteranopia

57.6848, 56.4201, 22.8888



Tritanopia

66.0392, 56.3351, 54.9701

Trichromacy



Original Color

61.0981, 56.2968, 22.9754

Protanomaly

55.1773, 56.3898, 24.4992

Deuteranomaly

58.9973, 56.4625, 22.8278

Tritanomaly

63.7053, 56.0383, 40.7165

Monochromacy



Original Color

61.0981, 56.2968, 22.9754

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.0376, 54.7299, 43.3132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0981, 56.2968, 22.9754 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, 183, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 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, 183, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 112) }
```

Border

The CSS property to change the border of an element to XYZ 61.0981, 56.2968, 22.9754 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, 183, 112) }
```


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

```
.border{ border-color:rgb(255, 183, 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, 183, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0981, 56.2968, 22.9754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 112) }
```

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

```
.background{ background-color: rgb(255,  
183, 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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