

Converting Colors

XYZ(108.6566, 79.4394,
30.2283)

Have a look what the booklet for
XYZ(108.6566, 79.4394, 30.2283)
contains.

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Color

**XYZ(61.3225, 55.0852,
28.1693)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB381
RGB	255, 179, 129
RGB Percent	100%, 70%, 51%
CMY	0.0000, 0.2980, 0.4941
CMYK	0.00, 0.30, 0.49, 0.00
HSL	24°, 100%, 75%
HSV	24°, 49%, 100%
XYZ	61.3225, 55.0852, 28.1693
YIQ	196.0240, 61.3460, 0.5620

Conversions

Conversions Part 2

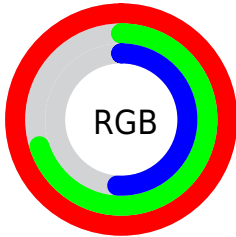
Format	Color
R_{YB}	255, 212, 129
Decimal	16757633
CIE Lab	79.09, 22.17, 36.51
CIE LCh	79, 42.716, 58.727
Yxy	55.0852, 0.4242, 0.3810
Android (android.graphics.Color)	4294947713 (0xFFFFB381)
YUV	196.0240, -33.0428, 51.7220
Hunter-Lab	74.2194, 17.5986, 29.4506

Details

The XYZ color **61.3225, 55.0852, 28.1693** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.9334, 55.5471, 102.7499**, and the grayscale version is **52.6512, 55.3932, 60.3232**.

A 20% lighter version of the original color is **79.3918, 84.0541, 56.2956**, and **31.3778, 27.0883, 10.9719** is the 20% darker color. If you saturate the color by 10%, you get **56.9221, 48.6670, 19.3579**, and if you desaturate by 10%, it is **66.4924, 62.3656, 39.3246**.

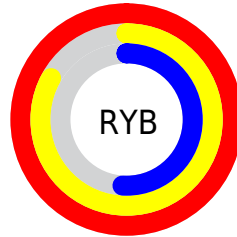
Distribution



Red (100%)

Green (70%)

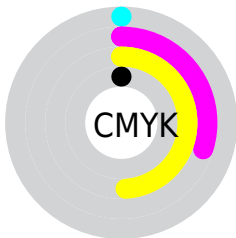
Blue (51%)



Red (100%)

Yellow (83%)

Blue (51%)

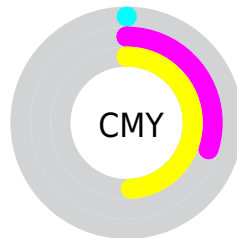


Cyan (0%)

Magenta (30%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3225, 55.0852, 28.1693 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 61.3225, 55.0852, 28.1693 by changing the saturation by 10% instead.


 61.3225, 55.0852,
28.1693

 61.3225, 55.0852,
28.1693


419.2125,
406.2348, 307.2124


 44.7390, 39.4699,
18.2132


 105.8412, 97.6658,
57.7810

 31.4523, 27.1255,
10.9321


 134.5072,
125.3999, 78.2736

 21.0970, 17.6675,
5.9076


 167.9313,
157.9424, 103.1155

 13.3078, 10.7115,
2.7211

206.4790,
195.6777, 132.7251

 7.7193, 5.8732,
0.9540

250.5157,
238.9902, 167.5211

 3.9662, 2.7681,
0.0000

300.4065,

 1.6830, 1.0119,

288.2643, 207.9219

0.0000

356.5170,
343.8844, 254.3462

0.4456, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

61.3225, 55.0852,
28.1693

61.3225, 55.0852,
28.1693

56.9221, 48.6670,
19.3579

66.4924, 62.3656,
39.3246

53.2438, 43.0676,
12.7147

72.4671, 70.5331,
52.9757

50.2405, 38.2513,
8.0437

79.2846, 79.6213,
69.2652

47.8560, 34.1757,
5.1113

86.9789, 89.6596,
88.3241

■ 46.0101, 30.7873, 95.0498, 99.9999,
3.5607 108.9000

■ 45.9132, 30.6067,
3.4878

Harmonies

Analogous

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



68.0635, 55.0852, 40.1492



61.3225, 55.0852, 28.1693



52.7212, 55.0852, 24.2572

Triad

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



61.3225, 55.0852, 28.1693



37.6372, 55.0852, 58.9433



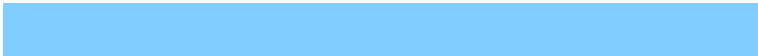
60.6255, 55.0852, 111.1979

Complementary

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



61.3225, 55.0852, 28.1693



48.9334, 55.5471, 102.7499

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.



51.9941, 55.0852, 120.1172



61.3225, 55.0852, 28.1693



39.2739, 55.0852, 85.4513

Square

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



61.3225, 55.0852, 28.1693



39.5748, 55.0852, 38.7850



44.3106, 55.0852, 109.6340



67.6314, 55.0852, 87.7550

Rectangle

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



61.3225, 55.0852, 28.1693



47.2750, 55.0852, 25.6335



44.3106, 55.0852, 109.6340



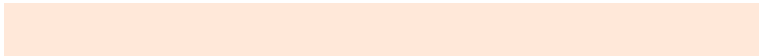
57.7904, 55.0852, 116.2346

Sweetspot

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



61.3238, 55.0879, 28.1704



82.5689, 83.9308, 77.3237



60.3161, 41.4512, 63.6614



17.3326, 17.5189, 15.7116



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.



61.3238, 55.0879, 28.1704



57.0887, 48.9147, 19.6762



76.4508, 85.3417, 33.2127



18.6009, 19.1699, 18.8641



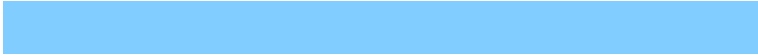
24.1265, 16.2642, 1.8677



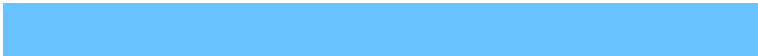
2.4522, 1.7898, 0.2162

Inverse Universe

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



48.9334, 55.5471, 102.7499



43.4032, 49.3565, 101.8469



37.0315, 31.7434, 98.7826



17.9145, 19.2006, 23.0118



15.6020, 16.1135, 51.7225



1.6259, 1.7825, 5.0716

Previews

White Background



This preview shows how the XYZ color 61.3225, 55.0852, 28.1693 looks on a white background.

Color Contrast Check

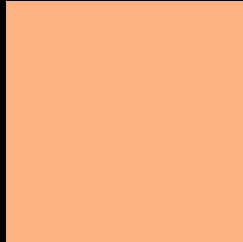
Large Text (above 18pt) WCAG AA × Fail

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 61.3225, 55.0852, 28.1693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

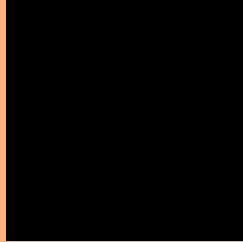
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3225, 55.0852, 28.1693

Background



This preview shows how black text looks on a background with the XYZ color 61.3225, 55.0852, 28.1693.



This preview shows how white text looks on a background with the XYZ color 61.3225, 55.0852,

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

61.3225, 55.0852, 28.1693

Protanopia

51.3352, 55.2545, 31.2521

Deuteranopia

56.4061, 55.3316, 27.7858



Tritanopia

65.2390, 55.0773, 53.6469

Trichromacy



Original Color

61.3225, 55.0852, 28.1693

Protanomaly

54.6420, 55.0143, 29.9292

Deuteranomaly

58.2074, 55.3111, 28.0303

Tritanomaly

63.5569, 55.0273, 42.8688

Monochromacy



Original Color

61.3225, 55.0852, 28.1693

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.4751, 54.5572, 46.6892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3225, 55.0852, 28.1693 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, 179, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 129)  
}
```

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, 179, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 129) }
```

Border

The CSS property to change the border of an element to XYZ 61.3225, 55.0852, 28.1693 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, 179, 129) }
```


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

```
.border{ border-color:rgb(255, 179, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3225, 55.0852, 28.1693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 129) }
```

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

```
.background{ background-color: rgb(255,  
179, 129) }
```

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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