

Converting Colors

XYZ(99.5870, 75.1734, 25.0979)

Have a look what the booklet for
XYZ(99.5870, 75.1734, 25.0979)
contains.

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Color

**XYZ(60.5985, 55.1174,
23.3644)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB472
RGB	255, 180, 114
RGB Percent	100%, 71%, 45%
CMY	0.0000, 0.2941, 0.5529
CMYK	0.00, 0.29, 0.55, 0.00
HSL	28°, 100%, 72%
HSV	28°, 55%, 100%
XYZ	60.5985, 55.1174, 23.3644
YIQ	194.9010, 65.8860, -4.6260

Conversions

Conversions Part 2

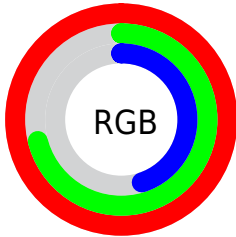
Format	Color
R _Y B	255, 238, 114
Decimal	16757874
CIE Lab	79.11, 20.39, 44.24
CIE LCh	79, 48.715, 65.260
Yxy	55.1174, 0.4357, 0.3963
Android (android.graphics.Color)	4294947954 (0xFFFFB472)
YUV	194.9010, -39.8842, 52.7068
Hunter-Lab	74.2411, 15.7768, 33.3096

Details

The XYZ color **60.5985, 55.1174, 23.3644** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **43.1860, 47.1904, 101.4398**, and the grayscale version is **52.0166, 54.7255, 59.5961**.

A 20% lighter version of the original color is **78.2105, 84.0409, 48.6586**, and **31.0205, 27.1510, 8.4562** is the 20% darker color. If you saturate the color by 10%, you get **56.7392, 49.4070, 15.8879**, and if you desaturate by 10%, it is **65.1329, 61.5309, 33.0626**.

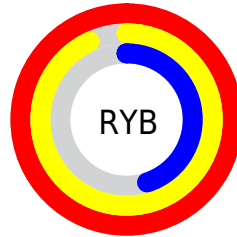
Distribution



Red (100%)

Green (71%)

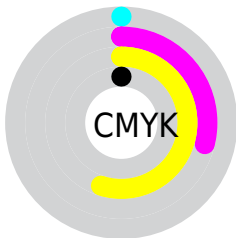
Blue (45%)



Red (100%)

Yellow (93%)

Blue (45%)

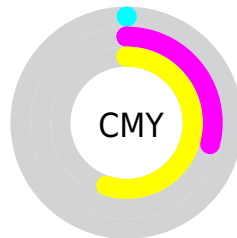


Cyan (0%)

Magenta (29%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5985, 55.1174, 23.3644 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 60.5985, 55.1174, 23.3644 by changing the saturation by 10% instead.


 60.5985, 55.1174,
23.3644

 60.5985, 55.1174,
23.3644


416.5998,
406.3568, 282.7735


 44.1525, 39.4957,
14.6550


 104.7988, 97.7129,
49.9217

 30.9889, 27.1456,
8.4337


 133.2838,
125.4556, 68.6067

 20.7422, 17.6826,
4.2820


 166.5126,
158.0074, 91.4540

 13.0470, 10.7223,
1.7813

204.8504,
195.7527, 118.8821

 7.5382, 5.8805,
0.4156

248.6627,
239.0758, 151.3096

 3.8502, 2.7725,
0.0000

298.3148,

 1.6177, 1.0142,

288.3613, 189.1549

0.0000

354.1720,
343.9935, 232.8367

■ 0.4039, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5985, 55.1174,
23.3644

■ 60.5985, 55.1174,
23.3644

■ 56.7392, 49.4070,
15.8879

■ 65.1329, 61.5309,
33.0626

■ 53.5089, 44.3625,
10.4455

■ 70.3764, 68.6663,
45.1429

■ 50.8605, 39.9543,
6.8232

■ 76.3650, 76.5516,
59.7543

■ 48.7359, 36.1458,
4.7561

■ 83.1309, 85.2103,
77.0327

47.8810, 34.5424,
4.1437

90.7043, 94.6652,
97.1041

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.



69.1646, 55.1174, 34.1294



60.5985, 55.1174, 23.3644



50.6940, 55.1174, 20.9549

Triad

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



60.5985, 55.1174, 23.3644



35.9041, 55.1174, 65.0514



63.9252, 55.1174, 115.1381

Complementary

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



60.5985, 55.1174, 23.3644



43.1860, 47.1904, 101.4398

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.



54.1182, 55.1174, 130.5842



60.5985, 55.1174, 23.3644



38.5696, 55.1174, 96.4882

Square

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



60.5985, 55.1174, 23.3644



37.1905, 55.1174, 40.2969



44.9538, 55.1174, 122.8757



71.2455, 55.1174, 85.2960

Rectangle

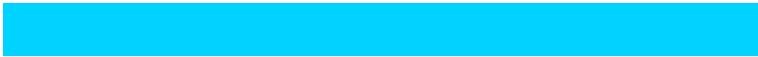
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.5985, 55.1174, 23.3644



44.8153, 55.1174, 23.4739



44.9538, 55.1174, 122.8757



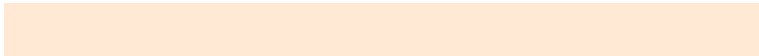
60.7678, 55.1174, 122.5455

Sweetspot

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



60.5998, 55.1201, 23.3655



81.9202, 83.6772, 73.8898



56.4645, 36.9778, 52.4198



17.2356, 17.5303, 15.0456



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.



60.5998, 55.1201, 23.3655



56.4910, 49.0291, 15.4389



78.5560, 91.0324, 29.3508



18.7104, 19.3890, 18.9006



25.1654, 18.3420, 2.2140



2.5584, 2.0023, 0.2516

Inverse Universe

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



43.1860, 47.1904, 101.4398



37.5199, 40.3665, 100.4218



31.5510, 23.9203, 97.5615



17.8030, 18.9775, 22.9747



14.1555, 13.2205, 51.2403



1.4877, 1.5061, 5.0256

Previews

White Background



This preview shows how the XYZ color 60.5985, 55.1174, 23.3644 looks on a white background.

Color Contrast Check

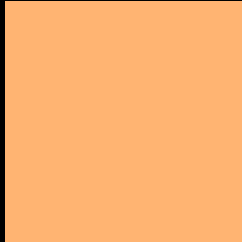
Large Text (above 18pt) WCAG AA × Fail

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 60.5985, 55.1174, 23.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

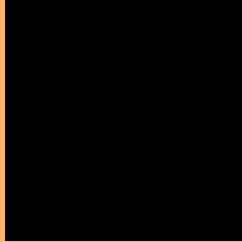
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5985, 55.1174, 23.3644

Background



This preview shows how black text looks on a background with the XYZ color 60.5985, 55.1174, 23.3644.



This preview shows how white text looks on a background with the XYZ color 60.5985, 55.1174,

23.3644.

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

60.5985, 55.1174, 23.3644

Protanopia

50.8616, 55.1321, 25.7302

Deuteranopia

56.2916, 55.0612, 22.9902



Tritanopia

65.2390, 55.0773, 53.6469

Trichromacy



Original Color

60.5985, 55.1174, 23.3644

Protanomaly

53.9966, 54.7929, 24.8697

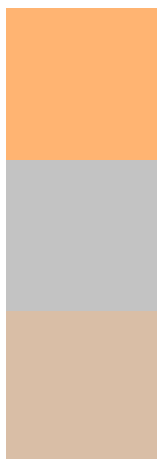
Deuteranomaly

57.7773, 54.8857, 23.1716

Tritanomaly

63.1105, 54.8487, 40.5183

Monochromacy



Original Color

60.5985, 55.1174, 23.3644

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.9117, 54.3318, 43.7220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5985, 55.1174, 23.3644 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, 180, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 114)  
}
```

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, 180, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 114) }
```

Border

The CSS property to change the border of an element to XYZ 60.5985, 55.1174, 23.3644 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, 180, 114) }
```


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

```
.border{ border-color:rgb(255, 180, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5985, 55.1174, 23.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 114) }
```

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

```
.background{ background-color: rgb(255,  
180, 114) }
```

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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