

Converting Colors

XYZ(55.0811, 48.7547, 61.4014)

Have a look what the booklet for
XYZ(55.0811, 48.7547, 61.4014)
contains.

XYZ(55.1124, 48.8255, 61.1631)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.1124, 48.8255,
61.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	DEABC8
RGB	222, 171, 200
RGB Percent	87%, 67%, 78%
CMY	0.1294, 0.3294, 0.2157
CMYK	0.00, 0.23, 0.10, 0.13
HSL	326°, 44%, 77%
HSV	326°, 23%, 87%
XYZ	55.1124, 48.8255, 61.1631
YIQ	189.5550, 21.0870, 19.8310

Conversions

Conversions Part 2

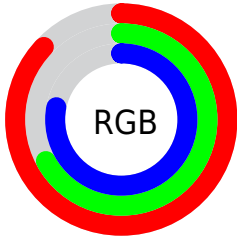
Format	Color
R _Y B	222, 171, 200
Decimal	14592968
CIE Lab	75.34, 23.22, -7.53
CIE LCh	75, 24.413, 342.025
Yxy	48.8255, 0.3338, 0.2957
Android (android.graphics.Color)	4292783048 (0xFFDEABC8)
YUV	189.5550, 5.1494, 28.4543
Hunter-Lab	69.8752, 18.5059, -2.9850

Details

The XYZ color **55.1124, 48.8255, 61.1631** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.5434, 64.7520, 60.1840**, and the grayscale version is **48.6518, 51.1855, 55.7410**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **27.3926, 23.1392, 30.2167** is the 20% darker color. If you saturate the color by 10%, you get **50.1818, 40.6993, 54.1693**, and if you desaturate by 10%, it is **60.8202, 58.3926, 68.7630**.

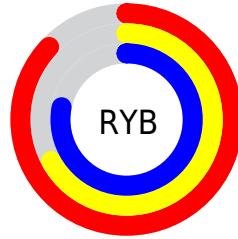
Distribution



Red (87%)

Green (67%)

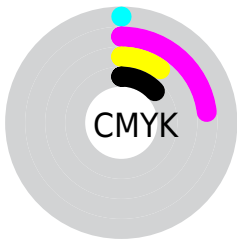
Blue (78%)



Red (87%)

Yellow (67%)

Blue (78%)

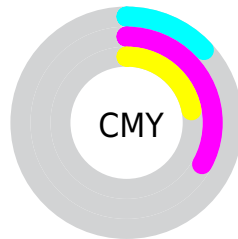


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1124, 48.8255, 61.1631 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 55.1124, 48.8255, 61.1631 by changing the saturation by 10% instead.

55.1124, 48.8255,
61.1631

55.1124, 48.8255,
61.1631

396.4673,
382.0549, 446.7949

39.7259, 34.4811,
43.9254

96.8530, 88.4322,
108.0749

27.5082, 23.2634,
30.2751

123.9378,
114.4633, 138.5861

18.0938, 14.7881,
19.7937

155.6528,
145.1588, 174.3588

11.1174, 8.6708,
12.0626

192.3632,
180.9029, 215.8116

6.2138, 4.5271,
6.6632

234.4346,
222.0803, 263.3631

3.0174, 1.9726,
3.1772

282.2321,

1.1630, 0.5915,

269.0751, 317.4318

1.1858

336.1213,
322.2719, 378.4362

■ 0.0768, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1124, 48.8255,
61.1631

■ 55.1124, 48.8255,
61.1631

■ 50.1818, 40.6993,
54.1693

■ 60.8202, 58.3926,
68.7630

■ 45.9877, 33.9365,
47.7602

■ 67.3349, 69.4600,
76.9834

■ 42.4921, 28.4626,
41.9171

■ 74.6898, 82.0915,
85.8419

■ 39.6515, 24.1930,
36.6190

■ 81.3627, 93.2410,
94.8370

■ 37.4175, 21.0327,
31.8428

■ 82.8103, 93.8201,
102.4598

■ 35.7343, 18.8727,
27.5628

■ 83.9345, 94.2697,
108.3798

■ 34.5349, 17.5811,
23.7493

■ 33.9052, 17.0420,
21.3185

Harmonies

Analogous

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



52.4296, 48.8255, 73.7246



55.1124, 48.8255, 61.1631



55.3729, 48.8255, 48.1763

Triad

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



55.1124, 48.8255, 61.1631



44.6317, 48.8255, 32.4626



40.2852, 48.8255, 71.4911

Complementary

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



55.1124, 48.8255, 61.1631



52.5434, 64.7520, 60.1840

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.



38.4656, 48.8255, 58.4818



55.1124, 48.8255, 61.1631



40.8645, 48.8255, 36.8306

Square

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



55.1124, 48.8255, 61.1631



49.1225, 48.8255, 32.9430



38.6706, 48.8255, 45.8922



43.7938, 48.8255, 80.3175

Rectangle

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



55.1124, 48.8255, 61.1631



54.1176, 48.8255, 41.1002



38.6706, 48.8255, 45.8922



39.4662, 48.8255, 67.3807

Sweetspot

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



55.1138, 48.8277, 61.1641



88.4024, 88.6492, 100.6898



49.5513, 45.6413, 75.3059



18.8048, 18.7757, 21.4046



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.



55.1138, 48.8277, 61.1641



71.7789, 60.7676, 78.6078



52.4513, 47.7627, 47.1434



14.0321, 13.8305, 15.9393



20.1956, 10.1452, 12.9616



1.4445, 0.7211, 1.1335

Inverse Universe

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



55.1138, 48.8277, 61.1641



71.7789, 60.7676, 78.6078



55.5396, 65.9505, 75.9616



14.0321, 13.8305, 15.9393



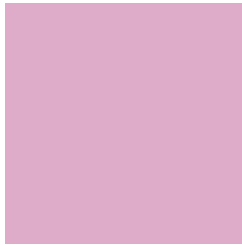
20.1956, 10.1452, 12.9616



1.4445, 0.7211, 1.1335

Previews

White Background



This preview shows how the XYZ color 55.1124, 48.8255, 61.1631 looks on a white background.

Color Contrast Check

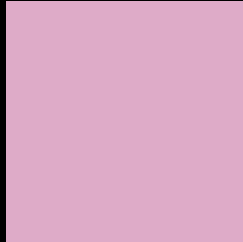
Large Text (above 18pt) WCAG AA × Fail

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 55.1124, 48.8255, 61.1631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

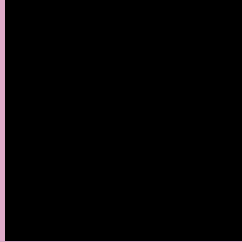
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1124, 48.8255, 61.1631

Background



This preview shows how black text looks on a background with the XYZ color 55.1124, 48.8255, 61.1631.



This preview shows how white text looks on a background with the XYZ color 55.1124, 48.8255,

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

55.1124, 48.8255, 61.1631

Protanopia

48.0255, 49.1971, 66.6393

Deuteranopia

49.8030, 48.7255, 60.2061



Tritanopia

53.4284, 48.6906, 53.5960

Trichromacy



Original Color

55.1124, 48.8255, 61.1631

Protanomaly

50.3667, 48.9206, 64.5456

Deuteranomaly

51.7631, 48.8332, 60.7304

Tritanomaly

54.0857, 48.6830, 56.4153

Monochromacy



Original Color

55.1124, 48.8255, 61.1631

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.0282, 50.3186, 58.0619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1124, 48.8255, 61.1631 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(222, 171, 200)` looks like.

```
.text, #text, p{  
    color:rgb(222, 171, 200)  
}
```

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(222, 171, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 171, 200) }
```

Border

The CSS property to change the border of an element to XYZ 55.1124, 48.8255, 61.1631 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(222, 171, 200) }
```


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

```
.border{ border-color:rgb(222, 171, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 171, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 171, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 171, 200);  
box-shadow:4px 4px 4px 4px rgb(222, 171,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1124, 48.8255, 61.1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 171, 200) }
```

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

```
.background{ background-color: rgb(222,  
171, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor