

Converting Colors

XYZ(58.2277, 55.4009, 63.7497)

Have a look what the booklet for
XYZ(58.2277, 55.4009, 63.7497)
contains.

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Color

**XYZ(58.1591, 55.4464,
63.5140)**

Conversions

Conversions Part 1

Format	Color
Hex	DCBCCA
RGB	220, 188, 202
RGB Percent	86%, 74%, 79%
CMY	0.1373, 0.2627, 0.2078
CMYK	0.00, 0.15, 0.08, 0.14
HSL	334°, 31%, 80%
HSV	334°, 15%, 86%
XYZ	58.1591, 55.4464, 63.5140
YIQ	199.1640, 14.5780, 11.1380

Conversions

Conversions Part 2

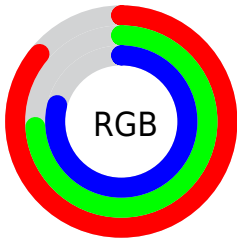
Format	Color
R_{YB}	220, 188, 202
Decimal	14466250
CIE _{Lab}	79.30, 13.72, -2.80
CIE _{LCh}	79, 14.003, 348.455
Yxy	55.4464, 0.3284, 0.3130
Android (android.graphics.Color)	4292656330 (0xFFDCBCCA)
YUV	199.1640, 1.3981, 18.2732
Hunter-Lab	74.4623, 9.1090, 1.5512

Details

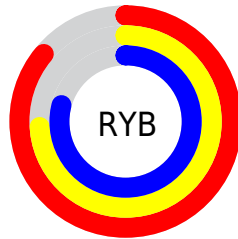
The XYZ color **58.1591, 55.4464, 63.5140** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.4750, 66.3355, 68.1705**, and the grayscale version is **54.3733, 57.2049, 62.2962**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **29.5263, 27.4654, 31.7621** is the 20% darker color. If you saturate the color by 10%, you get **52.4060, 46.1915, 54.6541**, and if you desaturate by 10%, it is **64.7494, 66.1860, 73.2341**.

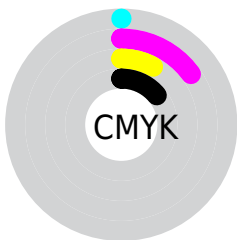
Distribution



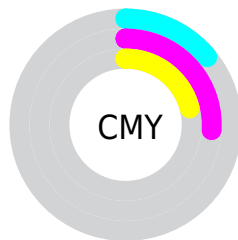
- Red (86%)
- Green (74%)
- Blue (79%)



- Red (86%)
- Yellow (74%)
- Blue (79%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1591, 55.4464, 63.5140 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 58.1591, 55.4464, 63.5140 by changing the saturation by 10% instead.


 58.1591, 55.4464,
63.5140

 58.1591, 55.4464,
63.5140


407.7228,
407.6019, 455.5917

 42.1803, 39.7592,
45.8135


 101.2761, 98.1947,
111.5034

 29.4342, 27.3509,
31.7511

129.1451,
126.0246, 142.6295

 19.5555, 17.8369,
20.9082

161.7082,
158.6709, 179.0677

 12.1787, 10.8330,
12.8663

199.3308,
196.5180, 221.2368

 6.9386, 5.9546,
7.2069

242.3782,
239.9502, 269.5552

 3.4697, 2.8175,
3.5114

291.2157,

 1.4067, 1.0372,

289.3520, 324.4414

1.3613

346.2088,
345.1078, 386.3141

■ 0.2610, 0.0000,
0.1113

■ 0.0000, 0.0000,
0.0000

■ 58.1591, 55.4464,
63.5140

■ 58.1591, 55.4464,
63.5140

■ 52.4060, 46.1915,
54.6541

■ 64.7494, 66.1860,
73.2341

■ 47.4501, 38.3481,
46.6258

■ 72.2049, 78.4646,
83.8350

■ 43.2555, 31.8480,
39.4035

■ 80.5585, 92.3427,
95.3409

■ 39.7813, 26.6143,
32.9591

■ 82.7682, 93.7329,
105.4167

■ 36.9826, 22.5622,
27.2625

■ 83.3255, 93.9558,
108.3513

■ 34.8092, 19.5963,
22.2809

■ 33.2032, 17.6064,
17.9784

■ 32.0946, 16.4579,
14.3141

■ 31.6377, 16.0647,
12.5565

Harmonies

Analogous

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



56.8377, 55.4464, 71.1983



58.1591, 55.4464, 63.5140



57.9797, 55.4464, 55.6161

Triad

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



58.1591, 55.4464, 63.5140



51.0124, 55.4464, 46.8817



49.2059, 55.4464, 72.6768

Complementary

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



58.1591, 55.4464, 63.5140



57.4750, 66.3355, 68.1705

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.



47.7512, 55.4464, 65.3910



58.1591, 55.4464, 63.5140



48.7684, 55.4464, 50.7024

Square

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



58.1591, 55.4464, 63.5140



53.7862, 55.4464, 46.4761



47.5939, 55.4464, 57.3348



51.6288, 55.4464, 76.7930

Rectangle

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



58.1591, 55.4464, 63.5140



57.0345, 55.4464, 51.2721



47.5939, 55.4464, 57.3348



48.5912, 55.4464, 70.4888

Sweetspot

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



58.1607, 55.4488, 63.5152



90.9717, 93.2998, 103.0507



56.2463, 54.2011, 75.2082



19.3123, 19.7087, 21.8265



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.



58.1607, 55.4488, 63.5152



79.0652, 73.9198, 85.4155



56.9212, 55.5030, 55.2930



13.2914, 13.1457, 14.7959



18.6215, 9.4496, 7.6528



1.2492, 0.6293, 0.7211

Inverse Universe

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



58.1607, 55.4488, 63.5152



79.0652, 73.9198, 85.4155



58.8343, 66.2106, 77.3899



13.2914, 13.1457, 14.7959



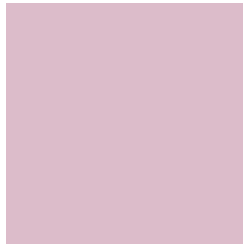
18.6215, 9.4496, 7.6528



1.2492, 0.6293, 0.7211

Previews

White Background



This preview shows how the XYZ color 58.1591, 55.4464, 63.5140 looks on a white background.

Color Contrast Check

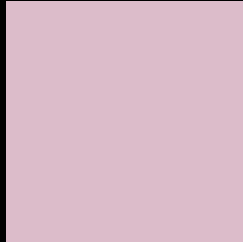
Large Text (above 18pt) WCAG AA × Fail

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 58.1591, 55.4464, 63.5140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

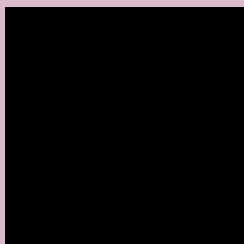
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1591, 55.4464, 63.5140

Background



This preview shows how black text looks on a background with the XYZ color 58.1591, 55.4464, 63.5140.



This preview shows how white text looks on a background with the XYZ color 58.1591, 55.4464,

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

58.1591, 55.4464, 63.5140

Protanopia

53.6816, 55.3568, 66.2481

Deuteranopia

56.7320, 55.6720, 63.6328



Tritanopia

58.2779, 55.4939, 64.1397

Trichromacy



Original Color

58.1591, 55.4464, 63.5140

Protanomaly

55.0459, 55.0862, 65.4891

Deuteranomaly

57.3930, 55.6901, 63.6014

Tritanomaly

58.2779, 55.4939, 64.1397

Monochromacy



Original Color

58.1591, 55.4464, 63.5140

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.6726, 56.4657, 62.6083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1591, 55.4464, 63.5140 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(220, 188, 202)` looks like.

```
.text, #text, p{  
    color:rgb(220, 188, 202)  
}
```

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(220, 188, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 188, 202) }
```

Border

The CSS property to change the border of an element to XYZ 58.1591, 55.4464, 63.5140 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(220, 188, 202) }
```


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

```
.border{ border-color:rgb(220, 188, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 188, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 188, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 188, 202);  
box-shadow:4px 4px 4px 4px rgb(220, 188,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1591, 55.4464, 63.5140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 188, 202) }
```

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

```
.background{ background-color: rgb(220,  
188, 202) }
```

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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