

Converting Colors

XYZ(59.2517, 55.5783, 68.7307)

Have a look what the booklet for
XYZ(59.2517, 55.5783, 68.7307)
contains.

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Color

**XYZ(59.2220, 55.5659,
68.5767)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBBD2
RGB	221, 187, 210
RGB Percent	87%, 73%, 82%
CMY	0.1333, 0.2666, 0.1765
CMYK	0.00, 0.15, 0.05, 0.13
HSL	319°, 33%, 80%
HSV	319°, 15%, 87%
XYZ	59.2220, 55.5659, 68.5767
YIQ	199.7880, 12.8810, 14.3610

Conversions

Conversions Part 2

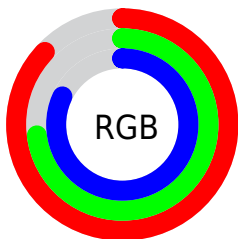
Format	Color
R _Y B	221, 187, 210
Decimal	14531538
CIE Lab	79.37, 16.00, -7.01
CIE LCh	79, 17.465, 336.329
Yxy	55.5659, 0.3230, 0.3030
Android (android.graphics.Color)	4292721618 (0xFFDDBBD2)
YUV	199.7880, 5.0345, 18.6029
Hunter-Lab	74.5425, 11.3639, -2.3651

Details

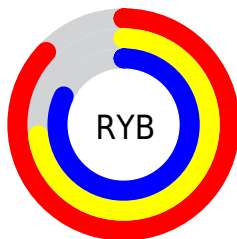
The XYZ color **59.2220, 55.5659, 68.5767** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.5452, 66.3565, 63.2571**, and the grayscale version is **54.7351, 57.5856, 62.7107**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **30.2517, 27.5575, 35.1772** is the 20% darker color. If you saturate the color by 10%, you get **54.0189, 46.5530, 62.5449**, and if you desaturate by 10%, it is **65.1897, 66.0426, 75.0611**.

Distribution



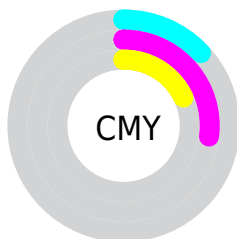
- Red (87%)
- Green (73%)
- Blue (82%)



- Red (87%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2220, 55.5659, 68.5767 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 59.2220, 55.5659, 68.5767 by changing the saturation by 10% instead.

■ 59.2220, 55.5659,
68.5767

■ 59.2220, 55.5659,
68.5767

411.6050,
408.0535, 474.1900

■ 43.0389, 39.8550,
49.8974

■ 102.8130, 98.3696,
118.8388

■ 30.1103, 27.4255,
34.9613

130.9517,
126.2312, 151.2587

■ 20.0708, 17.8930,
23.3498

163.8062,
158.9117, 189.0959

■ 12.5551, 10.8732,
14.6442

201.7421,
196.7957, 232.7689

■ 7.1978, 5.9816,
8.4263

245.1245,
240.2675, 282.6962

■ 3.6335, 2.8339,
4.2772

294.3189,

■ 1.4970, 1.0457,

289.7114, 339.2965

1.7786

349.6906,
345.5120, 402.9883

■ 0.3238, 0.0000,
0.4138

■ 0.0000, 0.0000,
0.0000

■ 59.2220, 55.5659,
68.5767

■ 59.2220, 55.5659,
68.5767

■ 54.0189, 46.5530,
62.5449

■ 65.1897, 66.0426,
75.0611

■ 49.5420, 38.9305,
56.9485

■ 71.9483, 78.0375,
82.0074

■ 45.7571, 32.6300,
51.7740

■ 79.5290, 91.6111,
89.4290

■ 42.6250, 27.5738,
47.0059

■ 81.1009, 93.1010,
95.0515

40.1026, 23.6766,
42.6269

82.1763, 93.5312,
100.7147

38.1412, 20.8420,
38.6182

83.2940, 93.9783,
106.6003

36.6843, 18.9580,
34.9581

83.6292, 94.1124,
108.3655

35.6627, 17.8870,
31.6206

35.2834, 17.5581,
30.1695

Harmonies

Analogous

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



56.9029, 55.5659, 77.4003



59.2220, 55.5659, 68.5767



59.7908, 55.5659, 58.4013

Triad

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



59.2220, 55.5659, 68.5767



52.0751, 55.5659, 43.2921



47.5741, 55.5659, 72.6568

Complementary

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



59.2220, 55.5659, 68.5767



56.5452, 66.3565, 63.2571

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.



46.4017, 55.5659, 62.6521



59.2220, 55.5659, 68.5767



48.9253, 55.5659, 46.2614

Square

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



59.2220, 55.5659, 68.5767



55.5627, 55.5659, 44.5069



46.8852, 55.5659, 53.0871



50.1569, 55.5659, 79.9320

Rectangle

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



59.2220, 55.5659, 68.5767



59.0797, 55.5659, 52.3476



46.8852, 55.5659, 53.0871



47.0073, 55.5659, 69.4616

Sweetspot

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



59.2236, 55.5683, 68.5779



90.4594, 91.8703, 104.1281



54.0510, 52.7379, 75.7383



19.2287, 19.4287, 22.1470



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.



59.2236, 55.5683, 68.5779



79.8152, 73.2101, 92.4777



57.2428, 54.7760, 58.1470



13.4258, 13.1994, 15.5036



20.5503, 10.2212, 17.8098



1.3702, 0.6777, 1.3582

Inverse Universe

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



59.2236, 55.5683, 68.5779



79.8152, 73.2101, 92.4777



58.5876, 67.1735, 74.0122



13.4258, 13.1994, 15.5036



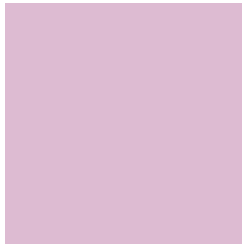
20.5503, 10.2212, 17.8098



1.3702, 0.6777, 1.3582

Previews

White Background



This preview shows how the XYZ color 59.2220, 55.5659, 68.5767 looks on a white background.

Color Contrast Check

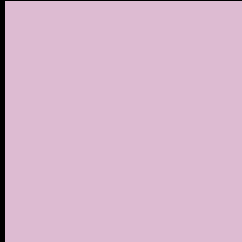
Large Text (above 18pt) WCAG AA × Fail

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 59.2220, 55.5659, 68.5767 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 59.2220, 55.5659, 68.5767

Background



This preview shows how black text looks on a background with the XYZ color 59.2220, 55.5659, 68.5767.



This preview shows how white text looks on a background with the XYZ color 59.2220, 55.5659,

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

59.2220, 55.5659, 68.5767

Protanopia

54.2865, 55.5386, 72.1488

Deuteranopia

56.7178, 55.5667, 68.0577



Tritanopia

58.2779, 55.4939, 64.1397

Trichromacy



Original Color

59.2220, 55.5659, 68.5767

Protanomaly

55.7617, 55.3407, 70.6937

Deuteranomaly

57.6536, 55.7265, 68.0392

Tritanomaly

58.6390, 55.6383, 66.0412

Monochromacy



Original Color

59.2220, 55.5659, 68.5767

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.4266, 56.7997, 65.1162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2220, 55.5659, 68.5767 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(221, 187, 210)` looks like.

```
.text, #text, p{  
    color:rgb(221, 187, 210)  
}
```

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(221, 187, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 187, 210) }
```

Border

The CSS property to change the border of an element to XYZ 59.2220, 55.5659, 68.5767 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(221, 187, 210) }
```


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

```
.border{ border-color:rgb(221, 187, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 187, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 187, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 187, 210);  
box-shadow:4px 4px 4px 4px rgb(221, 187,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2220, 55.5659, 68.5767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 187, 210) }
```

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

```
.background{ background-color: rgb(221,  
187, 210) }
```

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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