

Converting Colors

XYZ(59.4721, 58.3369, 67.8734)

Have a look what the booklet for
XYZ(59.4721, 58.3369, 67.8734)
contains.

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Color

**XYZ(59.5155, 58.3360,
67.7977)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C3D0
RGB	217, 195, 208
RGB Percent	85%, 76%, 82%
CMY	0.1490, 0.2353, 0.1843
CMYK	0.00, 0.10, 0.04, 0.15
HSL	325°, 22%, 81%
HSV	325°, 10%, 85%
XYZ	59.5155, 58.3360, 67.7977
YIQ	203.0600, 8.9390, 8.7070

Conversions

Conversions Part 2

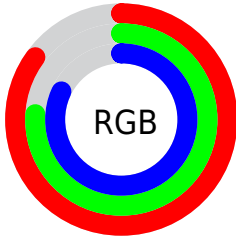
Format	Color
R_{YB}	217, 195, 208
Decimal	14271440
CIE _{Lab}	80.93, 9.98, -3.67
CIE _{LCh}	81, 10.633, 339.798
Yxy	58.3360, 0.3206, 0.3142
Android (android.graphics.Color)	4292461520 (0xFFD9C3D0)
YUV	203.0600, 2.4354, 12.2254
Hunter-Lab	76.3780, 5.4298, 0.8352

Details

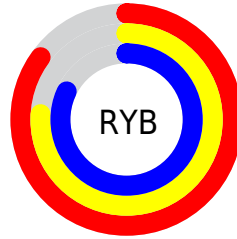
The XYZ color **59.5155, 58.3360, 67.7977** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2198, 65.5889, 66.7212**, and the grayscale version is **56.7851, 59.7423, 65.0594**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **30.2579, 29.0642, 34.5870** is the 20% darker color. If you saturate the color by 10%, you get **53.9408, 48.8854, 60.7004**, and if you desaturate by 10%, it is **65.8613, 69.2293, 75.4552**.

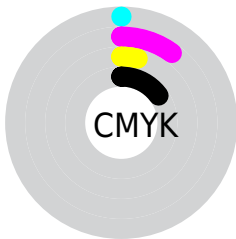
Distribution



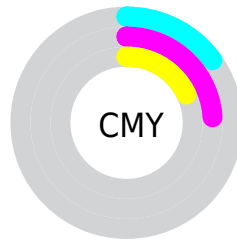
- Red (85%)
- Green (76%)
- Blue (82%)



- Red (85%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (15%)



- Cyan (15%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5155, 58.3360, 67.7977 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 59.5155, 58.3360, 67.7977 by changing the saturation by 10% instead.

■ 59.5155, 58.3360,
67.7977

■ 59.5155, 58.3360,
67.7977

412.6730,
418.4368, 471.3575

■ 43.2762, 42.0788,
49.2675

□ 103.2369,
102.4120, 117.7142

■ 30.2973, 29.1630,
34.4646

131.4496,
130.9996, 149.9375

■ 20.2136, 19.2042,
22.9705

164.3843,
164.4662, 187.5624

■ 12.6596, 11.8179,
14.3667

202.4062,
203.1960, 231.0072

■ 7.2699, 6.6198,
8.2345

245.8806,
247.5736, 280.6906

■ 3.6793, 3.2255,
4.1554

295.1730,

■ 1.5224, 1.2506,

297.9834, 337.0311

1.7110

350.6487,
354.8096, 400.4472

■ 0.3410, 0.1024,
0.3682

■ 0.0000, 0.0000,
0.0000

■ 59.5155, 58.3360,
67.7977

■ 59.5155, 58.3360,
67.7977

■ 53.9408, 48.8854,
60.7004

■ 65.8613, 69.2293,
75.4552

■ 49.1008, 40.8087,
54.1441

■ 73.0026, 81.6150,
83.6836

■ 44.9636, 34.0431,
48.1140

■ 79.3186, 92.2491,
91.9481

■ 41.4930, 28.5175,
42.5928

■ 80.6313, 92.7742,
98.8606

■ 38.6493, 24.1545,
37.5619

■ 82.0089, 93.3252,
106.1149

■ 36.3884, 20.8675,
33.0013

■ 82.4256, 93.4919,
108.3092

■ 34.6600, 18.5579,
28.8885

■ 33.4046, 17.1085,
25.1981

■ 32.5260, 16.3160,
21.9311

Harmonies

Analogous

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



58.2009, 58.3360, 73.2964



59.5155, 58.3360, 67.7977



59.7240, 58.3360, 61.4768

Triad

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



59.5155, 58.3360, 67.7977



54.7292, 58.3360, 52.3035



52.2571, 58.3360, 71.5994

Complementary

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



59.5155, 58.3360, 67.7977



58.2198, 65.5889, 66.7212

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.



51.3785, 58.3360, 65.6038



59.5155, 58.3360, 67.7977



52.7806, 58.3360, 54.6504

Square

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



59.5155, 58.3360, 67.7977



56.9215, 58.3360, 52.8050



51.5675, 58.3360, 59.4223



53.9974, 58.3360, 75.5900

Rectangle

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



59.5155, 58.3360, 67.7977



59.2022, 58.3360, 57.6811



51.5675, 58.3360, 59.4223



51.8533, 58.3360, 69.7360

Sweetspot

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



59.5172, 58.3385, 67.7990



92.1580, 95.0158, 105.4701



56.8888, 56.8520, 73.6215



19.5639, 20.0593, 22.3815



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.



59.5172, 58.3385, 67.7990



84.1025, 81.2263, 95.6284



58.2334, 57.8250, 61.0385



13.3772, 13.1800, 15.2477



19.7430, 9.8982, 13.5584



1.3214, 0.6582, 1.1016

Inverse Universe

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



59.5172, 58.3385, 67.7990



84.1025, 81.2263, 95.6284



59.5604, 66.1251, 73.7805



13.3772, 13.1800, 15.2477



19.7430, 9.8982, 13.5584



1.3214, 0.6582, 1.1016

Previews

White Background



This preview shows how the XYZ color 59.5155, 58.3360, 67.7977 looks on a white background.

Color Contrast Check

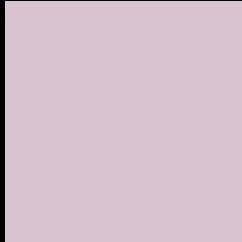
Large Text (above 18pt) WCAG AA × Fail

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 59.5155, 58.3360, 67.7977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

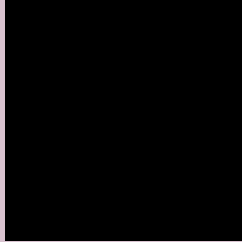
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5155, 58.3360, 67.7977

Background



This preview shows how black text looks on a background with the XYZ color 59.5155, 58.3360, 67.7977.



This preview shows how white text looks on a background with the XYZ color 59.5155, 58.3360,

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

59.5155, 58.3360, 67.7977

Protanopia

56.7693, 58.5683, 69.9408

Deuteranopia

59.5155, 58.3360, 67.7977



Tritanopia

59.7632, 58.4351, 69.1020

Trichromacy



Original Color

59.5155, 58.3360, 67.7977

Protanomaly

57.5591, 58.3067, 69.1934

Deuteranomaly

59.5155, 58.3360, 67.7977

Tritanomaly

59.6390, 58.3854, 68.4478

Monochromacy



Original Color

59.5155, 58.3360, 67.7977

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.6861, 59.1262, 66.1297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5155, 58.3360, 67.7977 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(217, 195, 208)` looks like.

```
.text, #text, p{  
    color:rgb(217, 195, 208)  
}
```

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(217, 195, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 195, 208) }
```

Border

The CSS property to change the border of an element to XYZ 59.5155, 58.3360, 67.7977 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(217, 195, 208) }
```


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

```
.border{ border-color:rgb(217, 195, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 195, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 195, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 195, 208);  
box-shadow:4px 4px 4px 4px rgb(217, 195,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5155, 58.3360, 67.7977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 195, 208) }
```

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

```
.background{ background-color: rgb(217,  
195, 208) }
```

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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