

Converting Colors

XYZ(59.4882, 58.3628, 68.6990)

Have a look what the booklet for
XYZ(59.4882, 58.3628, 68.6990)
contains.

XYZ(59.3426, 58.2326, 68.4339)	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(59.3426, 58.2326,
68.4339)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C3D1
RGB	216, 195, 209
RGB Percent	85%, 76%, 82%
CMY	0.1529, 0.2353, 0.1804
CMYK	0.00, 0.10, 0.03, 0.15
HSL	320°, 21%, 81%
HSV	320°, 10%, 85%
XYZ	59.3426, 58.2326, 68.4339
YIQ	202.8750, 8.0220, 8.8060

Conversions

Conversions Part 2

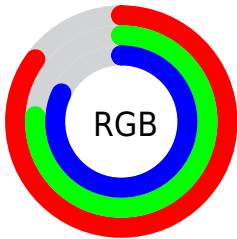
Format	Color
R _Y B	216, 195, 209
Decimal	14205905
CIE Lab	80.87, 9.81, -4.30
CIE LCh	81, 10.714, 336.318
Yxy	58.2326, 0.3190, 0.3131
Android (android.graphics.Color)	4292395985 (0xFFD8C3D1)
YUV	202.8750, 3.0196, 11.5106
Hunter-Lab	76.3103, 5.2673, 0.2468

Details

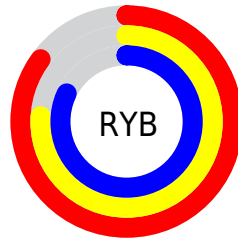
The XYZ color **59.3426, 58.2326, 68.4339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7244, 64.9796, 65.3801**, and the grayscale version is **56.6658, 59.6169, 64.9228**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **30.1392, 28.9934, 35.0181** is the 20% darker color. If you saturate the color by 10%, you get **53.9776, 48.8966, 62.3461**, and if you desaturate by 10%, it is **65.4513, 68.9899, 74.9698**.

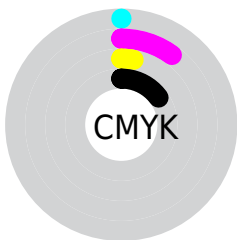
Distribution



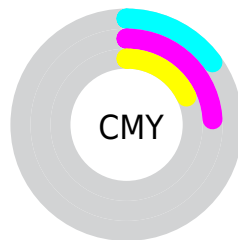
- Red (85%)
- Green (76%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3426, 58.2326, 68.4339 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 59.3426, 58.2326, 68.4339 by changing the saturation by 10% instead.

■ 59.3426, 58.2326,
68.4339

■ 59.3426, 58.2326,
68.4339

412.0440,
418.0521, 473.6716

■ 43.1364, 41.9957,
49.7819

■ 102.9872,
102.2615, 118.6327

■ 30.1871, 29.0979,
34.8702

131.1563,
130.8223, 151.0167

■ 20.1295, 19.1549,
23.2801

164.0438,
164.2598, 188.8150

■ 12.5980, 11.7823,
14.5933

202.0150,
202.9584, 232.4463

■ 7.2274, 6.5956,
8.3910

245.4353,
247.3025, 282.3290

■ 3.6523, 3.2105,
4.2548

294.6700,

■ 1.5074, 1.2426,

297.6766, 338.8818

1.7661

350.0844,
354.4650, 402.5231

■ 0.3308, 0.0961,
0.4055

■ 0.0000, 0.0000,
0.0000

■ 59.3426, 58.2326,
68.4339

■ 59.3426, 58.2326,
68.4339

■ 53.9776, 48.8966,
62.3461

■ 65.4513, 68.9899,
74.9698

■ 49.3208, 40.9143,
56.6900

■ 72.3274, 81.2174,
81.9623

■ 45.3414, 34.2238,
51.4532

■ 78.4473, 91.8663,
88.9065

■ 42.0040, 28.7555,
46.6214

■ 79.4834, 92.2808,
94.3625

■ 39.2701, 24.4332,
42.1789

■ 80.5618, 92.7121,
100.0414

■ 37.0969, 21.1719,
38.1086

■ 81.6830, 93.1606,
105.9457

■ 35.4353, 18.8750,
34.3914

■ 82.1292, 93.3391,
108.2953

■ 34.2278, 17.4279,
31.0049

■ 33.3744, 16.6316,
27.9130

Harmonies

Analogous

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



57.9103, 58.2326, 73.7542



59.3426, 58.2326, 68.4339



59.6920, 58.2326, 62.0721

Triad

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



59.3426, 58.2326, 68.4339



54.8808, 58.2326, 52.0342



51.9858, 58.2326, 70.9104

Complementary

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



59.3426, 58.2326, 68.4339



57.7244, 64.9796, 65.3801

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.



51.2207, 58.2326, 64.7577



59.3426, 58.2326, 68.4339



52.8631, 58.2326, 54.0730

Square

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



59.3426, 58.2326, 68.4339



57.0774, 58.2326, 52.8744



51.5375, 58.2326, 58.6295



53.6546, 58.2326, 75.2493

Rectangle

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



59.3426, 58.2326, 68.4339



59.2559, 58.2326, 58.1479



51.5375, 58.2326, 58.6295



51.6165, 58.2326, 68.9706

Sweetspot

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



59.3443, 58.2351, 68.4352



92.2499, 95.0526, 105.9543



56.2692, 56.5475, 72.9156



19.5888, 20.0692, 22.5123



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.



59.3443, 58.2351, 68.4352



84.4539, 81.3668, 97.4790



58.0868, 57.7322, 61.8136



12.7688, 12.5590, 14.7229



19.7930, 9.8535, 16.7456



1.2315, 0.6094, 1.2085

Inverse Universe

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



59.3443, 58.2351, 68.4352



84.4539, 81.3668, 97.4790



59.0102, 65.4939, 72.1512



12.7688, 12.5590, 14.7229



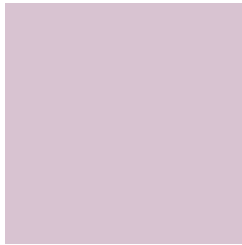
19.7930, 9.8535, 16.7456



1.2315, 0.6094, 1.2085

Previews

White Background



This preview shows how the XYZ color 59.3426, 58.2326, 68.4339 looks on a white background.

Color Contrast Check

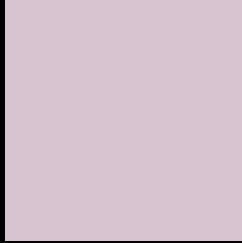
Large Text (above 18pt) WCAG AA × Fail

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 59.3426, 58.2326, 68.4339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

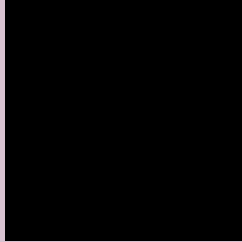
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3426, 58.2326, 68.4339

Background



This preview shows how black text looks on a background with the XYZ color 59.3426, 58.2326, 68.4339.



This preview shows how white text looks on a background with the XYZ color 59.3426, 58.2326,

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

59.3426, 58.2326, 68.4339

Protanopia

56.6253, 58.4795, 70.5906

Deuteranopia

59.6390, 58.3854, 68.4478



Tritanopia

59.4669, 58.2823, 69.0881

Trichromacy



Original Color

59.3426, 58.2326, 68.4339

Protanomaly

57.4056, 58.2131, 69.8387

Deuteranomaly

59.6390, 58.3854, 68.4478

Tritanomaly

59.4669, 58.2823, 69.0881

Monochromacy



Original Color

59.3426, 58.2326, 68.4339

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 59.3426, 58.2326, 68.4339 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(216, 195, 209) looks like.

```
.text, #text, p{  
    color:rgb(216, 195, 209)  
}
```

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(216, 195, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 195, 209) }
```

Border

The CSS property to change the border of an element to XYZ 59.3426, 58.2326, 68.4339 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(216, 195, 209) }
```


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

```
.border{ border-color:rgb(216, 195, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 195, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 195, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 195, 209);  
box-shadow:4px 4px 4px 4px rgb(216, 195,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3426, 58.2326, 68.4339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 195, 209) }
```

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

```
.background{ background-color: rgb(216,  
195, 209) }
```

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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