

Converting Colors

XYZ(58.9986, 58.2866, 73.1066)

Have a look what the booklet for
XYZ(58.9986, 58.2866, 73.1066)
contains.

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Color

**XYZ(58.9986, 58.2866,
73.1066)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C4D8
RGB	211, 196, 216
RGB Percent	83%, 77%, 85%
CMY	0.1725, 0.2314, 0.1529
CMYK	0.02, 0.09, 0.00, 0.15
HSL	285°, 20%, 81%
HSV	285°, 9%, 85%
XYZ	58.9986, 58.2866, 73.1066
YIQ	202.7650, 2.5200, 9.4000

Conversions

Conversions Part 2

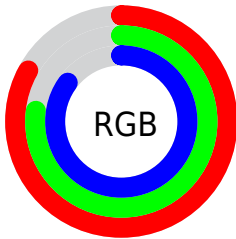
Format	Color
R_{YB}	211, 196, 216
Decimal	13878488
CIE _{Lab}	80.90, 8.86, -8.07
CIE _{LCh}	81, 11.978, 317.672
Yxy	58.2866, 0.3099, 0.3061
Android (android.graphics.Color)	4292068568 (0xFFD3C4D8)
YUV	202.7650, 6.5249, 7.2221
Hunter-Lab	76.3457, 4.3368, -3.3326

Details

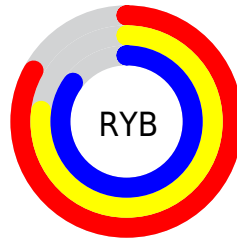
The XYZ color **58.9986, 58.2866, 73.1066** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6091, 65.5162, 61.7843**, and the grayscale version is **56.5781, 59.5245, 64.8222**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **29.8163, 28.9871, 37.7418** is the 20% darker color. If you saturate the color by 10%, you get **52.9522, 48.4515, 71.5278**, and if you desaturate by 10%, it is **65.8018, 69.5564, 74.9242**.

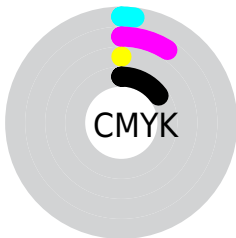
Distribution



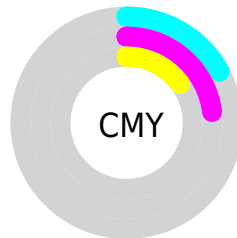
- Red (83%)
- Green (77%)
- Blue (85%)



- Red (83%)
- Yellow (77%)
- Blue (85%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9986, 58.2866, 73.1066 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 58.9986, 58.2866, 73.1066 by changing the saturation by 10% instead.

■ 58.9986, 58.2866,
73.1066

■ 58.9986, 58.2866,
73.1066

410.7909,
418.2530, 490.4649

■ 42.8584, 42.0391,
53.5708

102.4903,
102.3401, 125.3509

■ 29.9680, 29.1319,
37.8678

130.5724,
130.9149, 158.8964

■ 19.9623, 19.1806,
25.5790

163.3659,
164.3676, 197.9489

■ 12.4757, 11.8009,
16.2861

201.2361,
203.0825, 242.9269

■ 7.1430, 6.6082,
9.5703

244.5483,
247.4441, 294.2489

■ 3.5988, 3.2183,
5.0131

293.6679,

■ 1.4778, 1.2468,

297.8368, 352.3336

2.1961

348.9603,
354.6450, 417.5994

■ 0.3106, 0.0994,
0.6721

■ 0.0000, 0.0000,
0.0000

■ 58.9986, 58.2866,
73.1066

■ 58.9986, 58.2866,
73.1066

■ 52.9522, 48.4515,
71.5278

■ 65.8018, 69.5564,
74.9242

■ 47.6272, 39.9835,
70.1740

■ 73.3852, 82.3095,
76.9861

■ 42.9927, 32.8210,
69.0357

■ 79.8975, 92.8419,
78.6758

■ 39.0137, 26.8946,
68.1015

■ 81.6299, 93.7350,
78.7569

35.6519, 22.1283,
67.3587

83.4162, 94.6558,
78.8405

32.8645, 18.4377,
66.7933

85.2568, 95.6047,
78.9266

30.6032, 15.7266,
66.3892

87.1524, 96.5819,
79.0153

28.8107, 13.8815,
66.1275

89.1032, 97.5876,
79.1066

27.3933, 12.7158,
65.9772

89.3948, 97.7379,
79.1203

Harmonies

Analogous

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



56.8592, 58.2866, 77.3788



58.9986, 58.2866, 73.1066



60.1877, 58.2866, 66.4233

Triad

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



58.9986, 58.2866, 73.1066



56.4235, 58.2866, 51.0411



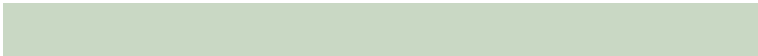
50.9813, 58.2866, 67.6989

Complementary

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



58.9986, 58.2866, 73.1066



58.6091, 65.5162, 61.7843

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.



50.8726, 58.2866, 60.5943



58.9986, 58.2866, 73.1066



53.9653, 58.2866, 51.3265

Square

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



58.9986, 58.2866, 73.1066



58.6715, 58.2866, 53.8980



51.9501, 58.2866, 54.7093



52.2518, 58.2866, 74.1002

Rectangle

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



58.9986, 58.2866, 73.1066



60.2587, 58.2866, 61.6592



51.9501, 58.2866, 54.7093



50.8091, 58.2866, 65.3041

Sweetspot

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



59.0003, 58.2891, 73.1079



91.9577, 94.8548, 108.0699



56.1264, 58.6250, 73.3242



19.5096, 20.0156, 23.0851



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.



59.0003, 58.2891, 73.1079



84.2122, 82.0849, 106.0132



59.8603, 58.8011, 70.0435



12.6357, 12.4691, 15.6783



16.2586, 7.5341, 39.0505



1.0542, 0.4923, 2.3588

Inverse Universe

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



58.6034, 58.2984, 63.4250



83.5414, 82.1092, 89.2597



57.8263, 65.0503, 64.5636



12.5494, 12.4712, 13.5671



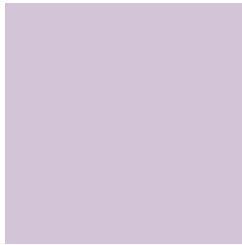
17.1928, 8.8134, 3.0533



1.0705, 0.5450, 0.3605

Previews

White Background



This preview shows how the XYZ color 58.9986, 58.2866, 73.1066 looks on a white background.

Color Contrast Check

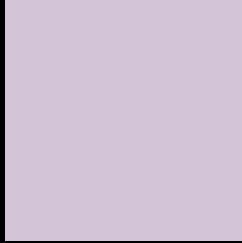
Large Text (above 18pt) WCAG AA × Fail

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 58.9986, 58.2866, 73.1066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

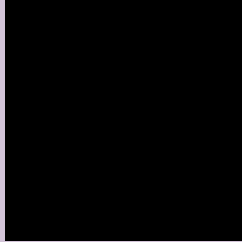
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9986, 58.2866, 73.1066

Background



This preview shows how black text looks on a background with the XYZ color 58.9986, 58.2866, 73.1066.



This preview shows how white text looks on a background with the XYZ color 58.9986, 58.2866,

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

58.9986, 58.2866, 73.1066

Protanopia

56.8624, 58.5126, 74.6268

Deuteranopia

59.3503, 58.1342, 73.0587



Tritanopia

58.4283, 58.3876, 70.4778

Trichromacy



Original Color

58.9986, 58.2866, 73.1066

Protanomaly

57.5764, 58.5531, 73.9129

Deuteranomaly

59.0612, 57.9851, 73.0451

Tritanomaly

58.5548, 58.4382, 71.1443

Monochromacy



Original Color

58.9986, 58.2866, 73.1066

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.4930, 58.9844, 68.0294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9986, 58.2866, 73.1066 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(211, 196, 216)` looks like.

```
.text, #text, p{  
    color:rgb(211, 196, 216)  
}
```

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(211, 196, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 196, 216) }
```

Border

The CSS property to change the border of an element to XYZ 58.9986, 58.2866, 73.1066 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(211, 196, 216) }
```


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

```
.border{ border-color:rgb(211, 196, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 196, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 196, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 196, 216);  
box-shadow:4px 4px 4px 4px rgb(211, 196,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9986, 58.2866, 73.1066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 196, 216) }
```

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

```
.background{ background-color: rgb(211,  
196, 216) }
```

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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