

Converting Colors

XYZ(59.5874, 60.2870, 75.8755)

Have a look what the booklet for
XYZ(59.5874, 60.2870, 75.8755)
contains.

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Color

**XYZ(59.5370, 60.2060,
76.1931)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC9DC
RGB	207, 201, 220
RGB Percent	81%, 79%, 86%
CMY	0.1882, 0.2117, 0.1372
CMYK	0.06, 0.09, 0.00, 0.14
HSL	259°, 21%, 83%
HSV	259°, 9%, 86%
XYZ	59.5370, 60.2060, 76.1931
YIQ	204.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

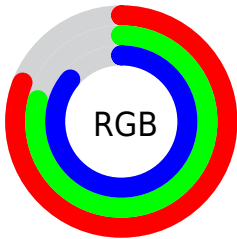
Format	Color
R _Y B	207, 201, 220
Decimal	13617628
CIE Lab	81.95, 5.61, -8.68
CIE LCh	82, 10.339, 302.885
Yxy	60.2060, 0.3039, 0.3073
Android (android.graphics.Color)	4291807708 (0xFFCFC9DC)
YUV	204.9600, 7.4147, 1.7891
Hunter-Lab	77.5925, 1.1767, -3.9059

Details

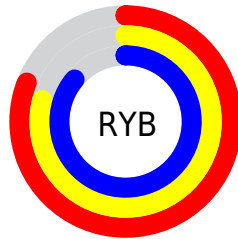
The XYZ color **59.5370, 60.2060, 76.1931** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8696, 69.7012, 65.3487**, and the grayscale version is **57.9599, 60.9783, 66.4054**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3621, 30.3564, 39.8564** is the 20% darker color. If you saturate the color by 10%, you get **50.7641, 48.6089, 74.4179**, and if you desaturate by 10%, it is **69.4491, 73.4840, 78.2345**.

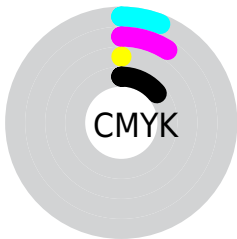
Distribution



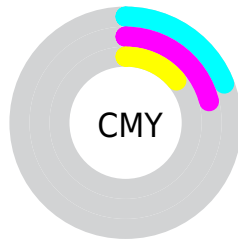
- Red (81%)
- Green (79%)
- Blue (86%)



- Red (81%)
- Yellow (79%)
- Blue (86%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (14%)



- Cyan (19%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5370, 60.2060, 76.1931 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 59.5370, 60.2060, 76.1931 by changing the saturation by 10% instead.

■ 59.5370, 60.2060,
76.1931

■ 59.5370, 60.2060,
76.1931

412.7512,
425.3567, 501.3729

■ 43.2936, 43.5847,
56.0833

103.2679,
105.1284, 129.7624

■ 30.3111, 30.3441,
39.8652

131.4861,
134.1984, 164.0590

■ 20.2241, 20.1000,
27.1205

164.4266,
168.1866, 203.9215

■ 12.6672, 12.4677,
17.4305

202.4548,
207.4776, 249.7686

■ 7.2752, 7.0631,
10.3767

245.9360,
252.4557, 302.0187

■ 3.6827, 3.5016,
5.5406

295.2355,

■ 1.5242, 1.3989,

303.5053, 361.0904

2.5036

350.7188,
361.0108, 427.4023

■ 0.3422, 0.2159,
0.8420

■ 0.0000, 0.0000,
0.0000

■ 59.5370, 60.2060,
76.1931

■ 59.5370, 60.2060,
76.1931

■ 50.7641, 48.6089,
74.4179

■ 69.4491, 73.4840,
78.2345

■ 43.0828, 38.6172,
72.8942

■ 80.5349, 88.4991,
80.5484

■ 36.4499, 30.1607,
71.6115

■ 88.8840, 97.4141,
81.8292

■ 30.8173, 23.1614,
70.5574

■ 89.9184, 97.9474,
81.8776

■ 26.1326, 17.5337,
69.7180

■ 22.3386, 13.1832,
69.0783

■ 19.3710, 10.0030,
68.6209

■ 17.1556, 7.8679,
68.3255

■ 15.5867, 6.5913,
68.1618

Harmonies

Analogous

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



57.4359, 60.2060, 78.3286



59.5370, 60.2060, 76.1931



61.0480, 60.2060, 71.1959

Triad

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



59.5370, 60.2060, 76.1931



59.1615, 60.2060, 55.4111



53.1273, 60.2060, 66.1620

Complementary

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



59.5370, 60.2060, 76.1931



63.8696, 69.7012, 65.3487

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.



53.5631, 60.2060, 60.2185



59.5370, 60.2060, 76.1931



57.0127, 60.2060, 54.2500

Square

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



59.5370, 60.2060, 76.1931



60.8273, 60.2060, 59.2320



54.9717, 60.2060, 55.9546



53.7659, 60.2060, 72.3108

Rectangle

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



59.5370, 60.2060, 76.1931



61.4977, 60.2060, 67.0566



54.9717, 60.2060, 55.9546



53.1530, 60.2060, 64.0742

Sweetspot

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



59.5388, 60.2086, 76.1944



90.7580, 94.2364, 108.0137



61.1303, 65.8319, 77.1960



19.1858, 19.8487, 23.0699



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.



59.5388, 60.2086, 76.1944



81.3167, 81.6350, 106.0790



62.1848, 61.5727, 76.3183



12.7236, 12.8156, 16.4552



9.1428, 3.8375, 39.9972



0.6800, 0.2938, 2.5953

Inverse Universe

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



62.5416, 61.8467, 72.2628



86.1787, 84.2881, 99.6827



61.2596, 68.3557, 65.2266



13.4303, 13.2012, 15.5274



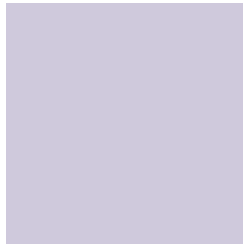
20.6317, 10.2537, 18.2385



1.3750, 0.6796, 1.3836

Previews

White Background



This preview shows how the XYZ color 59.5370, 60.2060, 76.1931 looks on a white background.

Color Contrast Check

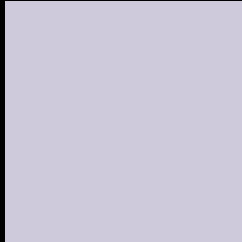
Large Text (above 18pt) WCAG AA × Fail

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 59.5370, 60.2060, 76.1931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

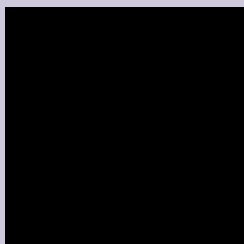
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5370, 60.2060, 76.1931

Background



This preview shows how black text looks on a background with the XYZ color 59.5370, 60.2060, 76.1931.



This preview shows how white text looks on a background with the XYZ color 59.5370, 60.2060,

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

59.5370, 60.2060, 76.1931

Protanopia

58.5288, 60.0181, 76.9065

Deuteranopia

61.5641, 60.2076, 76.7831



Tritanopia

59.1432, 60.0484, 74.1190

Trichromacy



Original Color

59.5370, 60.2060, 76.1931

Protanomaly

59.0735, 60.2989, 76.9320

Deuteranomaly

60.9151, 60.2134, 76.8184

Tritanomaly

59.2737, 60.1006, 74.8062

Monochromacy



Original Color

59.5370, 60.2060, 76.1931

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.6793, 60.9607, 69.6466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5370, 60.2060, 76.1931 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(207, 201, 220)` looks like.

```
.text, #text, p{  
    color:rgb(207, 201, 220)  
}
```

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(207, 201, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 201, 220) }
```

Border

The CSS property to change the border of an element to XYZ 59.5370, 60.2060, 76.1931 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(207, 201, 220) }
```


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

```
.border{ border-color:rgb(207, 201, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 201, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 201, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 201, 220);  
box-shadow:4px 4px 4px 4px rgb(207, 201,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5370, 60.2060, 76.1931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 201, 220) }
```

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

```
.background{ background-color: rgb(207,  
201, 220) }
```

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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