

Converting Colors

XYZ(59.4836, 60.7798, 65.6249)

Have a look what the booklet for
XYZ(59.4836, 60.7798, 65.6249)
contains.

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Color

**XYZ(59.4602, 60.7468,
65.7182)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CACC
RGB	213, 202, 204
RGB Percent	84%, 79%, 80%
CMY	0.1647, 0.2078, 0.2000
CMYK	0.00, 0.05, 0.04, 0.16
HSL	349°, 12%, 81%
HSV	349°, 5%, 84%
XYZ	59.4602, 60.7468, 65.7182
YIQ	205.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

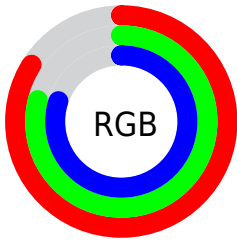
Format	Color
R _Y B	213, 202, 204
Decimal	14011084
CIE Lab	82.24, 4.17, 0.36
CIE LCh	82, 4.185, 4.981
Yxy	60.7468, 0.3198, 0.3267
Android (android.graphics.Color)	4292201164 (0xFFD5CACC)
YUV	205.5170, -0.7479, 6.5626
Hunter-Lab	77.9402, -0.2187, 4.5656

Details

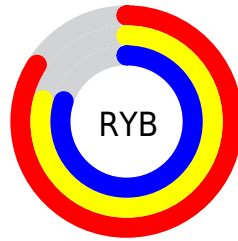
The XYZ color **59.4602, 60.7468, 65.7182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9115, 64.8498, 70.9908**, and the grayscale version is **58.3610, 61.4003, 66.8650**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1955, 30.6509, 33.1789** is the 20% darker color. If you saturate the color by 10%, you get **52.8284, 50.6436, 53.7628**, and if you desaturate by 10%, it is **67.0193, 72.3285, 79.1389**.

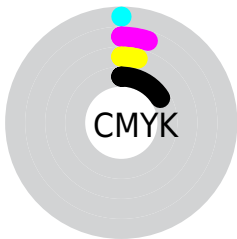
Distribution



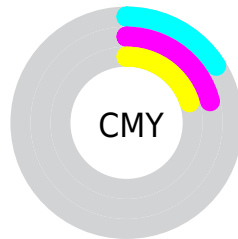
- Red (84%)
- Green (79%)
- Blue (80%)



- Red (84%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4602, 60.7468, 65.7182 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 59.4602, 60.7468, 65.7182 by changing the saturation by 10% instead.

■ 59.4602, 60.7468,
65.7182

■ 59.4602, 60.7468,
65.7182

412.4719,
427.3450, 463.7451

■ 43.2315, 44.0209,
47.5886

103.1570,
105.9122, 114.7049

■ 30.2621, 30.6869,
33.1436

131.3559,
135.1205, 146.3992

■ 20.1867, 20.3606,
21.9644

164.2754,
169.2584, 183.4521

■ 12.6399, 12.6574,
13.6327

202.2811,
208.7102, 226.2821

■ 7.2563, 7.1931,
7.7298

245.7382,
253.8604, 275.3079

■ 3.6707, 3.5831,
3.8373

295.0122,

■ 1.5176, 1.4432,

305.0933, 330.9480

1.5365

350.4683,
362.7934, 393.6209

■ 0.3377, 0.2483,
0.2449

■ 0.0000, 0.0000,
0.0000

■ 59.4602, 60.7468,
65.7182

■ 59.4602, 60.7468,
65.7182

■ 52.8284, 50.6436,
53.7628

■ 67.0193, 72.3285,
79.1389

■ 47.0830, 41.9517,
43.2189

■ 75.5344, 85.4367,
94.0684

■ 42.1876, 34.6106,
34.0353

■ 81.2510, 92.8863,
108.2542

■ 38.1014, 28.5522,
26.1561

■ 34.7801, 23.7024,
19.5214

■ 32.1749, 19.9798,
14.0666

■ 30.2316, 17.2926,
9.7213

■ 28.8877, 15.5345,
6.4071

■ 28.0680, 14.5761,
4.0346

Harmonies

Analogous

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



59.3031, 60.7468, 68.2380



59.4602, 60.7468, 65.7182



59.1520, 60.7468, 63.3719

Triad

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



59.4602, 60.7468, 65.7182



56.7622, 60.7468, 62.2069



57.0171, 60.7468, 70.6856

Complementary

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



59.4602, 60.7468, 65.7182



59.9115, 64.8498, 70.9908

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.



56.3468, 60.7468, 68.9936



59.4602, 60.7468, 65.7182



56.2007, 60.7468, 64.0912

Square

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



59.4602, 60.7468, 65.7182



57.5895, 60.7468, 61.3782



56.0494, 60.7468, 66.5695



57.8868, 60.7468, 71.1481

Rectangle

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



59.4602, 60.7468, 65.7182



58.7259, 60.7468, 62.2087



56.0494, 60.7468, 66.5695



56.7613, 60.7468, 70.2397

Sweetspot

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



59.4619, 60.7494, 65.7195



92.7797, 96.5231, 104.8638



59.9919, 60.8943, 71.5435



19.8825, 20.6963, 22.4875



0.0000, 0.0000, 0.0000



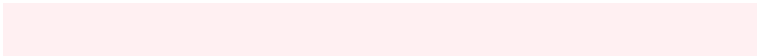
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.4619, 60.7494, 65.7195



88.4107, 89.8432, 97.0629



60.0503, 62.3069, 64.7417



12.9418, 13.1093, 14.1509



17.0095, 8.7401, 2.0882



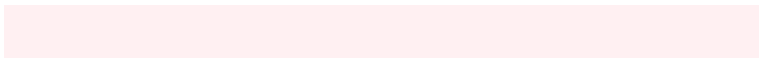
1.0541, 0.5384, 0.2744

Inverse Universe

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



59.4619, 60.7494, 65.7195



88.4107, 89.8432, 97.0629



59.2969, 63.2175, 72.0286



12.9418, 13.1093, 14.1509



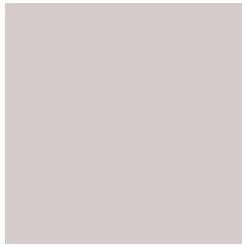
17.0095, 8.7401, 2.0882



1.0541, 0.5384, 0.2744

Previews

White Background



This preview shows how the XYZ color 59.4602, 60.7468, 65.7182 looks on a white background.

Color Contrast Check

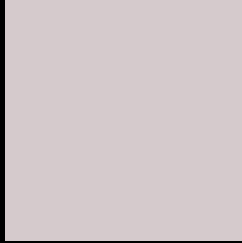
Large Text (above 18pt) WCAG AA × Fail

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 59.4602, 60.7468, 65.7182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

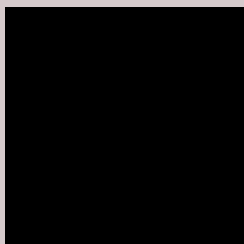
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

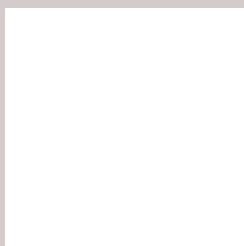
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4602, 60.7468, 65.7182

Background



This preview shows how black text looks on a background with the XYZ color 59.4602, 60.7468, 65.7182.

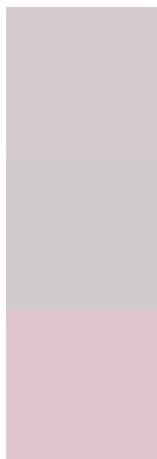


This preview shows how white text looks on a background with the XYZ color 59.4602, 60.7468,

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

59.4602, 60.7468, 65.7182

Protanopia

58.6247, 61.0034, 66.4426

Deuteranopia

61.9540, 60.6432, 66.1976



Tritanopia

61.0733, 60.7135, 73.4657

Trichromacy



Original Color

59.4602, 60.7468, 65.7182

Protanomaly

58.9537, 60.8213, 66.3901

Deuteranomaly

60.9581, 60.4703, 66.2167

Tritanomaly

60.5019, 60.8229, 70.8386

Monochromacy



Original Color

59.4602, 60.7468, 65.7182

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.1453, 61.6257, 66.5353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4602, 60.7468, 65.7182 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(213, 202, 204) looks like.

```
.text, #text, p{  
    color:rgb(213, 202, 204)  
}
```

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(213, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 202, 204) }
```

Border

The CSS property to change the border of an element to XYZ 59.4602, 60.7468, 65.7182 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(213, 202, 204) }
```


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

```
.border{ border-color:rgb(213, 202, 204) }
```

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

Here you see how a box with a 4 pixel rgb(213, 202, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(213, 202,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4602, 60.7468, 65.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 202, 204) }
```

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

```
.background{ background-color: rgb(213,  
202, 204) }
```

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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