

Converting Colors

XYZ(59.9424, 60.3904, 77.0331)

Have a look what the booklet for
XYZ(59.9424, 60.3904, 77.0331)
contains.

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Color

**XYZ(59.9502, 60.4036,
76.9060)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C9DD
RGB	208, 201, 221
RGB Percent	82%, 79%, 87%
CMY	0.1843, 0.2117, 0.1333
CMYK	0.06, 0.09, 0.00, 0.13
HSL	261°, 23%, 83%
HSV	261°, 9%, 87%
XYZ	59.9502, 60.4036, 76.9060
YIQ	205.3730, -2.2480, 7.7040

Conversions

Conversions Part 2

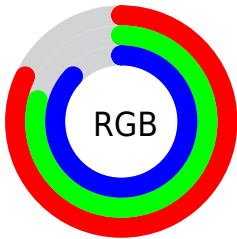
Format	Color
R _Y B	208, 201, 221
Decimal	13683165
CIE Lab	82.06, 6.14, -9.05
CIE LCh	82, 10.936, 304.154
Yxy	60.4036, 0.3039, 0.3062
Android (android.graphics.Color)	4291873245 (0xFFD0C9DD)
YUV	205.3730, 7.7041, 2.3039
Hunter-Lab	77.7198, 1.6789, -4.2654

Details

The XYZ color **59.9502, 60.4036, 76.9060** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1328, 70.2277, 65.4364**, and the grayscale version is **58.2207, 61.2528, 66.7042**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6431, 30.4906, 40.3466** is the 20% darker color. If you saturate the color by 10%, you get **51.3068, 48.8435, 75.1312**, and if you desaturate by 10%, it is **69.7043, 73.6398, 78.9477**.

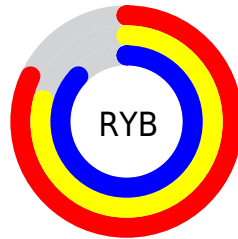
Distribution



Red (82%)

Green (79%)

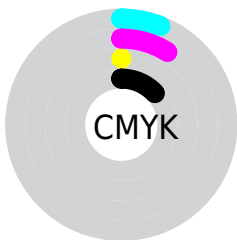
Blue (87%)



Red (82%)

Yellow (79%)

Blue (87%)

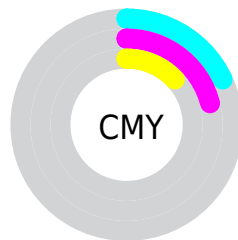


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (13%)



Cyan (18%)

Magenta (21%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9502, 60.4036, 76.9060 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 59.9502, 60.4036, 76.9060 by changing the saturation by 10% instead.

■ 59.9502, 60.4036,
76.9060

■ 59.9502, 60.4036,
76.9060

414.2519,
426.0838, 503.8726

■ 43.6278, 43.7440,
56.6646

103.8642,
105.4149, 130.7786

■ 30.5747, 30.4693,
40.3285

132.1865,
134.5355, 165.2469

■ 20.4254, 20.1951,
27.4790

165.2394,
168.5784, 205.2945

■ 12.8147, 12.5369,
17.6977

203.3884,
207.9283, 251.3401

■ 7.3772, 7.1105,
10.5660

246.9988,
252.9693, 303.8022

■ 3.7475, 3.5313,
5.6653

296.4360,

■ 1.5603, 1.4150,

304.0860, 363.0993

2.5772

352.0652,
361.6627, 429.6499

■ 0.3663, 0.2277,
0.8806

■ 0.0000, 0.0000,
0.0000

■ 59.9502, 60.4036,
76.9060

■ 59.9502, 60.4036,
76.9060

■ 51.3068, 48.8435,
75.1312

■ 69.7043, 73.6398,
78.9477

■ 43.7275, 38.8840,
73.6082

■ 80.6028, 88.6086,
81.2625

■ 37.1704, 30.4547,
72.3268

■ 88.6322, 97.2689,
82.5109

■ 31.5884, 23.4774,
71.2743

■ 90.0513, 98.0005,
82.5774

■ 26.9305, 17.8663,
70.4367

■ 23.1405, 13.5267,
69.7989

■ 20.1557, 10.3510,
69.3432

■ 17.9029, 8.2128,
69.0492

■ 16.2735, 6.9155,
68.8847

Harmonies

Analogous

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



57.7352, 60.4036, 79.3371



59.9502, 60.4036, 76.9060



61.5165, 60.4036, 71.4914

Triad

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



59.9502, 60.4036, 76.9060



59.3765, 60.4036, 54.9390



53.0809, 60.4036, 66.6981

Complementary

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



59.9502, 60.4036, 76.9060



64.1328, 70.2277, 65.4364

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.



53.4939, 60.4036, 60.3609



59.9502, 60.4036, 76.9060



57.0896, 60.4036, 53.8438

Square

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



59.9502, 60.4036, 76.9060



61.1790, 60.4036, 58.8611



54.9461, 60.4036, 55.7631



53.8025, 60.4036, 73.1978

Rectangle

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



59.9502, 60.4036, 76.9060



61.9600, 60.4036, 67.0777



54.9461, 60.4036, 55.7631



53.0918, 60.4036, 64.4779

Sweetspot

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



59.9520, 60.4062, 76.9073



90.8518, 94.2847, 108.0181



61.2716, 65.9020, 77.8986



19.2111, 19.8617, 23.0711



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.



59.9520, 60.4062, 76.9073



80.3520, 80.0949, 105.8326



62.7535, 61.8504, 77.0384



12.7663, 12.8376, 16.4572



9.4861, 4.0144, 40.0133



0.7059, 0.3072, 2.5965

Inverse Universe

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



62.8451, 62.0031, 72.2768



85.2051, 82.7747, 98.0208



61.3944, 68.8160, 65.3082



13.4108, 13.1934, 15.4246



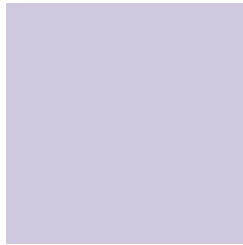
20.2874, 10.1160, 16.4254



1.3545, 0.6714, 1.2758

Previews

White Background



This preview shows how the XYZ color 59.9502, 60.4036, 76.9060 looks on a white background.

Color Contrast Check

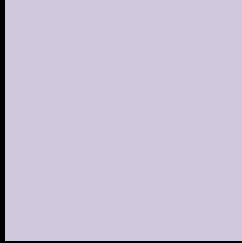
Large Text (above 18pt) WCAG AA × Fail

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 59.9502, 60.4036, 76.9060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

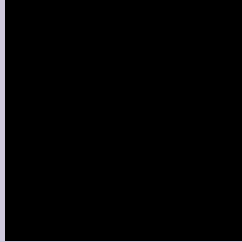
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9502, 60.4036, 76.9060

Background



This preview shows how black text looks on a background with the XYZ color 59.9502, 60.4036, 76.9060.



This preview shows how white text looks on a background with the XYZ color 59.9502, 60.4036,

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

59.9502, 60.4036, 76.9060

Protanopia

58.8979, 60.5424, 77.6888

Deuteranopia

61.6978, 60.2610, 77.4870



Tritanopia

59.3770, 60.5162, 74.1969

Trichromacy



Original Color

59.9502, 60.4036, 76.9060

Protanomaly

59.2072, 60.3524, 77.6359

Deuteranomaly

61.0488, 60.2669, 77.5223

Tritanomaly

59.5075, 60.5684, 74.8842

Monochromacy



Original Color

59.9502, 60.4036, 76.9060

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.8043, 61.0107, 70.3049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9502, 60.4036, 76.9060 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(208, 201, 221) looks like.

```
.text, #text, p{  
    color:rgb(208, 201, 221)  
}
```

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(208, 201, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 201, 221) }
```

Border

The CSS property to change the border of an element to XYZ 59.9502, 60.4036, 76.9060 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(208, 201, 221) }
```


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

```
.border{ border-color:rgb(208, 201, 221) }
```

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

Here you see how a box with a 4 pixel rgb(208, 201, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 201, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 201, 221);  
box-shadow:4px 4px 4px 4px rgb(208, 201,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9502, 60.4036, 76.9060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 201, 221) }
```

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

```
.background{ background-color: rgb(208,  
201, 221) }
```

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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