

Converting Colors

XYZ(59.4825, 59.0445, 75.0489)

Have a look what the booklet for
XYZ(59.4825, 59.0445, 75.0489)
contains.

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Color

**XYZ(59.5586, 59.2043,
75.3063)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C6DB
RGB	210, 198, 219
RGB Percent	82%, 78%, 86%
CMY	0.1765, 0.2235, 0.1412
CMYK	0.04, 0.10, 0.00, 0.14
HSL	274°, 23%, 82%
HSV	274°, 10%, 86%
XYZ	59.5586, 59.2043, 75.3063
YIQ	203.9820, 0.4110, 9.0750

Conversions

Conversions Part 2

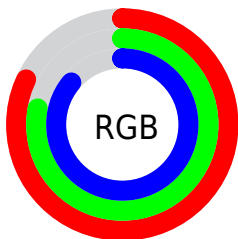
Format	Color
R _Y B	210, 198, 219
Decimal	13813467
CIE Lab	81.40, 8.02, -8.93
CIE LCh	81, 12.004, 311.919
Yxy	59.2043, 0.3069, 0.3051
Android (android.graphics.Color)	4292003547 (0xFFD2C6DB)
YUV	203.9820, 7.4039, 5.2778
Hunter-Lab	76.9443, 3.5150, -4.1668

Details

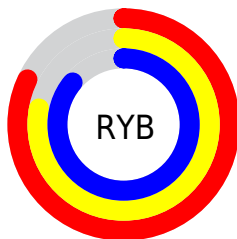
The XYZ color **59.5586, 59.2043, 75.3063** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2589, 68.0072, 63.3271**, and the grayscale version is **57.3392, 60.3253, 65.6942**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1917, 29.5954, 39.2432** is the 20% darker color. If you saturate the color by 10%, you get **52.3161, 48.5705, 73.6364**, and if you desaturate by 10%, it is **67.6851, 71.3715, 77.2274**.

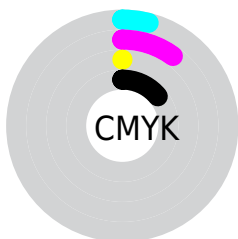
Distribution



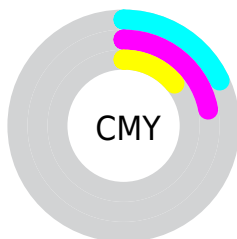
- Red (82%)
- Green (78%)
- Blue (86%)



- Red (82%)
- Yellow (78%)
- Blue (86%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5586, 59.2043, 75.3063 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 59.5586, 59.2043, 75.3063 by changing the saturation by 10% instead.

■ 59.5586, 59.2043,
75.3063

■ 59.5586, 59.2043,
75.3063

412.8297,
421.6586, 498.2532

■ 43.3111, 42.7776,
55.3606

103.2991,
103.6745, 128.4969

■ 30.3248, 29.7107,
39.2900

131.5227,
132.4869, 162.5790

■ 20.2346, 19.6191,
26.6758

164.4691,
166.1965, 202.2102

■ 12.6749, 12.1185,
17.0996

202.5036,
205.1879, 247.8092

■ 7.2805, 6.8244,
10.1428

245.9916,
249.8454, 299.7944

■ 3.6860, 3.3525,
5.3869

295.2983,

■ 1.5261, 1.3184,

300.5534, 358.5845

2.4133

350.7893,
357.6964, 424.5979

■ 0.3435, 0.1554,
0.7937

■ 0.0000, 0.0000,
0.0000

■ 59.5586, 59.2043,
75.3063

■ 59.5586, 59.2043,
75.3063

■ 52.3161, 48.5705,
73.6364

■ 67.6851, 71.3715,
77.2274

■ 45.9188, 39.3992,
72.2033

■ 76.7221, 85.1240,
79.4056

■ 40.3326, 31.6254,
70.9973

■ 83.8610, 94.8399,
80.9047

■ 35.5189, 25.1759,
70.0061

■ 87.0984, 96.5088,
81.0562

■ 31.4354, 19.9706,
69.2166

■ 89.7863, 97.8945,
81.1820

■ 28.0354, 15.9205,
68.6140

■ 25.2661, 12.9244,
68.1817

■ 23.0652, 10.8626,
67.8997

■ 21.3293, 9.5332,
67.7346

Harmonies

Analogous

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



57.2747, 59.2043, 78.9571



59.5586, 59.2043, 75.3063



60.9862, 59.2043, 68.8497

Triad

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



59.5586, 59.2043, 75.3063



57.7833, 59.2043, 52.1951



51.6800, 59.2043, 67.3607

Complementary

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



59.5586, 59.2043, 75.3063



61.2589, 68.0072, 63.3271

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.



51.8070, 59.2043, 60.2675



59.5586, 59.2043, 75.3063



55.2809, 59.2043, 51.8617

Square

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



59.5586, 59.2043, 75.3063



59.9405, 59.2043, 55.6621



53.1084, 59.2043, 54.7147



52.7562, 59.2043, 74.1468

Rectangle

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



59.5586, 59.2043, 75.3063



61.2352, 59.2043, 64.0016



53.1084, 59.2043, 54.7147



51.5843, 59.2043, 64.9274

Sweetspot

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



59.5603, 59.2068, 75.3076



91.4618, 94.5992, 108.0467



58.4142, 61.7967, 75.8679



19.3756, 19.9465, 23.0788



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.



59.5603, 59.2068, 75.3076



81.3914, 79.6033, 105.6829



62.0118, 60.4918, 74.4643



13.0473, 12.9825, 16.4703



12.7354, 5.6895, 40.1654



0.9230, 0.4191, 2.6067

Inverse Universe

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



60.6721, 59.9559, 67.4094



83.3649, 80.9312, 91.7442



58.9777, 66.8125, 64.0672



13.2866, 13.1437, 14.7702



18.5692, 9.4287, 7.3773



1.2456, 0.6279, 0.7023

Previews

White Background



This preview shows how the XYZ color 59.5586, 59.2043, 75.3063 looks on a white background.

Color Contrast Check

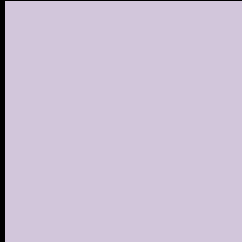
Large Text (above 18pt) WCAG AA × Fail

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 59.5586, 59.2043, 75.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

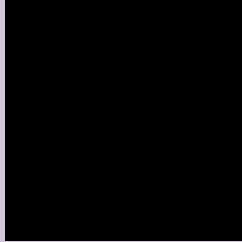
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5586, 59.2043, 75.3063

Background



This preview shows how black text looks on a background with the XYZ color 59.5586, 59.2043, 75.3063.



This preview shows how white text looks on a background with the XYZ color 59.5586, 59.2043,

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

59.5586, 59.2043, 75.3063

Protanopia

57.7572, 59.2731, 76.8033

Deuteranopia

60.4840, 59.3431, 75.2844



Tritanopia

58.8555, 59.2572, 71.9541

Trichromacy



Original Color

59.5586, 59.2043, 75.3063

Protanomaly

58.4744, 59.3132, 76.0768

Deuteranomaly

60.1930, 59.1931, 75.2707

Tritanomaly

59.1126, 59.3600, 73.3078

Monochromacy



Original Color

59.5586, 59.2043, 75.3063

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.0828, 59.9663, 68.8350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5586, 59.2043, 75.3063 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(210, 198, 219)` looks like.

```
.text, #text, p{  
    color:rgb(210, 198, 219)  
}
```

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(210, 198, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 198, 219) }
```

Border

The CSS property to change the border of an element to XYZ 59.5586, 59.2043, 75.3063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

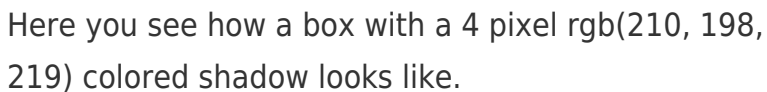
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 198, 219) }
```


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

```
.border{ border-color:rgb(210, 198, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 198, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 198, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 198, 219);  
box-shadow:4px 4px 4px 4px rgb(210, 198,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5586, 59.2043, 75.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 198, 219) }
```

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

```
.background{ background-color: rgb(210,  
198, 219) }
```

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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