

Converting Colors

XYZ(59.1959, 59.6905, 70.7834)

Have a look what the booklet for
XYZ(59.1959, 59.6905, 70.7834)
contains.

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Color

**XYZ(59.1163, 59.7637,
70.7071)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C8D4
RGB	210, 200, 212
RGB Percent	82%, 78%, 83%
CMY	0.1765, 0.2157, 0.1686
CMYK	0.01, 0.06, 0.00, 0.17
HSL	290°, 12%, 81%
HSV	290°, 6%, 83%
XYZ	59.1163, 59.7637, 70.7071
YIQ	204.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

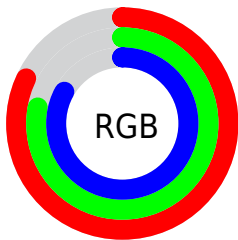
Format	Color
R _Y B	210, 200, 212
Decimal	13813972
CIE Lab	81.71, 5.64, -4.73
CIE LCh	82, 7.360, 320.023
Yxy	59.7637, 0.3118, 0.3152
Android (android.graphics.Color)	4292004052 (0xFFD2C8D4)
YUV	204.3580, 3.7675, 4.9480
Hunter-Lab	77.3070, 1.2109, -0.1134

Details

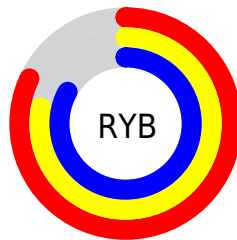
The XYZ color **59.1163, 59.7637, 70.7071** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3282, 63.8152, 63.8900**, and the grayscale version is **57.5984, 60.5980, 65.9912**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0750, 30.0600, 36.1153** is the 20% darker color. If you saturate the color by 10%, you get **53.5484, 50.1044, 69.1370**, and if you desaturate by 10%, it is **65.3907, 70.8012, 72.5078**.

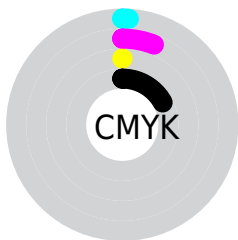
Distribution



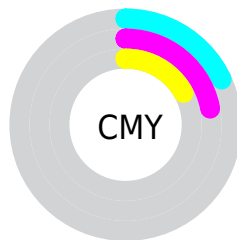
- Red (82%)
- Green (78%)
- Blue (83%)



- Red (82%)
- Yellow (78%)
- Blue (83%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (18%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1163, 59.7637, 70.7071 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 59.1163, 59.7637, 70.7071 by changing the saturation by 10% instead.

■ 59.1163, 59.7637,
70.7071

■ 59.1163, 59.7637,
70.7071

411.2199,
423.7262, 481.8849

■ 42.9535, 43.2282,
51.6228

102.6603,
104.4868, 121.9071

■ 30.0430, 30.0642,
36.3244

130.7723,
133.4432, 154.8600

■ 20.0194, 19.8873,
24.3931

163.5979,
167.3087, 193.2728

■ 12.5175, 12.3132,
15.4106

201.5027,
206.4677, 237.5641

■ 7.1719, 6.9573,
8.9583

244.8519,
251.3045, 288.1524

■ 3.6171, 3.4354,
4.6175

294.0110,

■ 1.4879, 1.3631,

302.2036, 345.4563

1.9699

349.3452,
359.5494, 409.8943

■ 0.3176, 0.1893,
0.5367

■ 0.0000, 0.0000,
0.0000

■ 59.1163, 59.7637,
70.7071

■ 59.1163, 59.7637,
70.7071

■ 53.5484, 50.1044,
69.1370

■ 65.3907, 70.8012,
72.5078

■ 48.6537, 41.7597,
67.7843

■ 72.3928, 83.2618,
74.5438

■ 44.4042, 34.6728,
66.6404

■ 77.3422, 91.5836,
75.8892

■ 40.7677, 28.7793,
65.6945

■ 78.4272, 92.1429,
75.9400

37.7089, 24.0094,
64.9350

79.5349, 92.7140,
75.9919

35.1893, 20.2857,
64.3491

80.6656, 93.2969,
76.0448

33.1651, 17.5212,
63.9222

81.8193, 93.8916,
76.0988

31.5856, 15.6146,
63.6374

82.9962, 94.4983,
76.1538

30.3883, 14.4412,
63.4740

84.1963, 95.1170,
76.2100

Harmonies

Analogous

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



57.8294, 59.7637, 73.4189



59.1163, 59.7637, 70.7071



59.7873, 59.7637, 66.5612

Triad

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



59.1163, 59.7637, 70.7071



57.3211, 59.7637, 57.0292



54.0514, 59.7637, 68.0366

Complementary

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



59.1163, 59.7637, 70.7071



58.3282, 63.8152, 63.8900

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.



53.9209, 59.7637, 63.6061



59.1163, 59.7637, 70.7071



55.7900, 59.7637, 57.3839

Square

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



59.1163, 59.7637, 70.7071



58.7384, 59.7637, 58.7534



54.5520, 59.7637, 59.7455



54.9118, 59.7637, 71.8292

Rectangle

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



59.1163, 59.7637, 70.7071



59.7868, 59.7637, 63.5994



54.5520, 59.7637, 59.7455



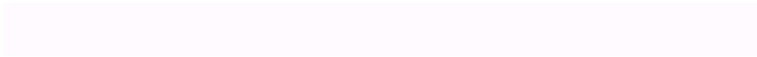
53.9213, 59.7637, 66.5682

Sweetspot

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



59.1180, 59.7663, 70.7084



93.1324, 96.6282, 108.3502



56.8731, 59.3706, 70.7504



19.9543, 20.7177, 23.1972



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.



59.1180, 59.7663, 70.7084



88.5313, 88.5753, 107.0384



59.2173, 59.8722, 68.2406



12.9816, 12.9430, 15.7516



18.5550, 8.7180, 39.1579



1.1744, 0.5543, 2.3644

Inverse Universe

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



58.4684, 59.5726, 64.2972



87.3145, 88.2140, 94.9611



58.2401, 63.7179, 66.2327



12.7914, 12.8866, 13.8597



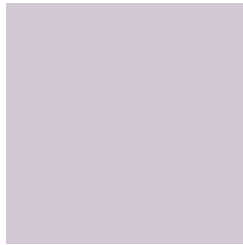
16.9773, 8.7273, 1.9188



1.0506, 0.5370, 0.2558

Previews

White Background



This preview shows how the XYZ color 59.1163, 59.7637, 70.7071 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 59.1163, 59.7637, 70.7071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

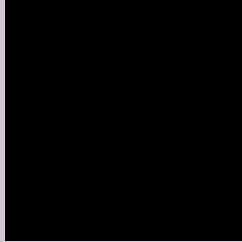
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

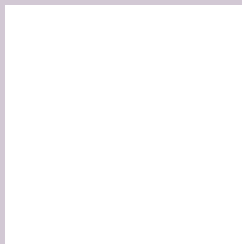
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1163, 59.7637, 70.7071

Background



This preview shows how black text looks on a background with the XYZ color 59.1163, 59.7637, 70.7071.

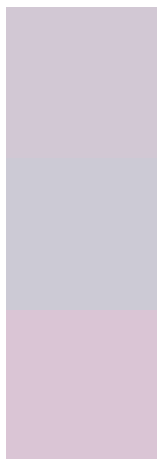


This preview shows how white text looks on a background with the XYZ color 59.1163, 59.7637,

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

59.1163, 59.7637, 70.7071

Protanopia

58.0326, 59.8825, 71.4506

Deuteranopia

60.8899, 59.6420, 71.2536



Tritanopia

59.2675, 59.4548, 72.6422

Trichromacy



Original Color

59.1163, 59.7637, 70.7071

Protanomaly

58.3505, 59.6992, 71.3985

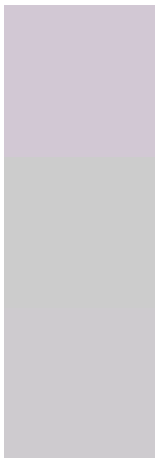
Deuteranomaly

60.2287, 59.6393, 71.2879

Tritanomaly

59.1394, 59.4035, 71.9674

Monochromacy



Original Color

59.1163, 59.7637, 70.7071

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.0720, 60.3387, 67.6173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1163, 59.7637, 70.7071 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, 200, 212) looks like.

```
.text, #text, p{  
    color:rgb(210, 200, 212)  
}
```

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, 200, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 200, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.1163, 59.7637, 70.7071 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, 200, 212) }
```


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

```
.border{ border-color:rgb(210, 200, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 200, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 200, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 200, 212); box-shadow:4px 4px 4px 4px rgb(210, 200, 212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1163, 59.7637, 70.7071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 200, 212) }
```

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

```
.background{ background-color: rgb(210,  
200, 212) }
```

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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