

Converting Colors

XYZ(58.6589, 58.8917, 71.7078)

Have a look what the booklet for
XYZ(58.6589, 58.8917, 71.7078)
contains.

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Color

**XYZ(58.6262, 58.7985,
71.8776)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C6D6
RGB	209, 198, 214
RGB Percent	82%, 78%, 84%
CMY	0.1804, 0.2235, 0.1608
CMYK	0.02, 0.07, 0.00, 0.16
HSL	281°, 16%, 81%
HSV	281°, 7%, 84%
XYZ	58.6262, 58.7985, 71.8776
YIQ	203.1130, 1.4200, 7.3080

Conversions

Conversions Part 2

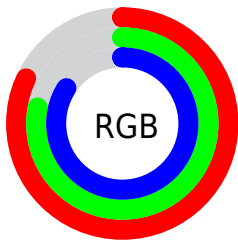
Format	Color
R_{YB}	209, 198, 214
Decimal	13747926
CIE _{Lab}	81.18, 6.74, -6.59
CIE _{LCh}	81, 9.425, 315.627
Yxy	58.7985, 0.3097, 0.3106
Android (android.graphics.Color)	4291938006 (0xFFD1C6D6)
YUV	203.1130, 5.3673, 5.1629
Hunter-Lab	76.6802, 2.2827, -1.9005

Details

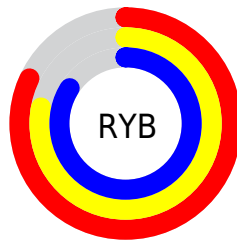
The XYZ color **58.6262, 58.7985, 71.8776** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8703, 64.8683, 62.8470**, and the grayscale version is **56.8039, 59.7621, 65.0809**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7488, 29.4183, 36.9113** is the 20% darker color. If you saturate the color by 10%, you get **52.2239, 48.7437, 70.2752**, and if you desaturate by 10%, it is **65.8025, 70.2815, 73.7167**.

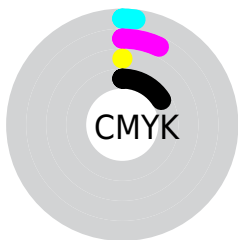
Distribution



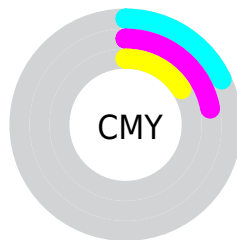
- Red (82%)
- Green (78%)
- Blue (84%)



- Red (82%)
- Yellow (78%)
- Blue (84%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (18%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6262, 58.7985, 71.8776 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 58.6262, 58.7985, 71.8776 by changing the saturation by 10% instead.

■ 58.6262, 58.7985,
71.8776

■ 58.6262, 58.7985,
71.8776

409.4316,
420.1548, 486.0815

■ 42.5575, 42.4509,
52.5725

101.9519,
103.0847, 123.5886

■ 29.7311, 29.4545,
37.0762

129.9397,
131.7922, 156.8315

■ 19.7816, 19.4249,
24.9702

162.6311,
165.3885, 195.5575

■ 12.3437, 11.9777,
15.8361

200.3916,
204.2578, 240.1850

■ 7.0521, 6.7285,
9.2551

243.5866,
248.7848, 291.1327

■ 3.5413, 3.2929,
4.8089

292.5813,

■ 1.4461, 1.2865,

299.3536, 348.8189

2.0788

347.7412,
356.3488, 413.6624

■ 0.2887, 0.1307,
0.6031

■ 0.0000, 0.0000,
0.0000

■ 58.6262, 58.7985,
71.8776

■ 58.6262, 58.7985,
71.8776

■ 52.2239, 48.7437,
70.2752

■ 65.8025, 70.2815,
73.7167

■ 46.5606, 40.0514,
68.8959

■ 73.7757, 83.2398,
75.7977

■ 41.6063, 32.6620,
67.7307

■ 80.2323, 93.0442,
77.3498

■ 37.3266, 26.5082,
66.7684

■ 82.4087, 94.1662,
77.4517

■ 33.6842, 21.5168,
65.9970

■ 84.6683, 95.3310,
77.5574

■ 30.6377, 17.6068,
65.4028

■ 87.0119, 96.5392,
77.6671

■ 28.1405, 14.6862,
64.9707

■ 89.1378, 97.6351,
77.7666

■ 26.1378, 12.6475,
64.6828

■ 24.5554, 11.3437,
64.5145

Harmonies

Analogous

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



56.9085, 58.7985, 74.9992



58.6262, 58.7985, 71.8776



59.6206, 58.7985, 66.7408

Triad

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



58.6262, 58.7985, 71.8776



56.8278, 58.7985, 54.1163



52.3316, 58.7985, 66.9761

Complementary

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



58.6262, 58.7985, 71.8776



58.8703, 64.8683, 62.8470

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.



52.3111, 58.7985, 61.3772



58.6262, 58.7985, 71.8776



54.8762, 58.7985, 54.1710

Square

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



58.6262, 58.7985, 71.8776



58.5659, 58.7985, 56.6056



53.2330, 58.7985, 56.7599



53.2895, 58.7985, 72.0585

Rectangle

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



58.6262, 58.7985, 71.8776



59.7249, 58.7985, 62.9680



53.2330, 58.7985, 56.7599



52.2156, 58.7985, 65.0868

Sweetspot

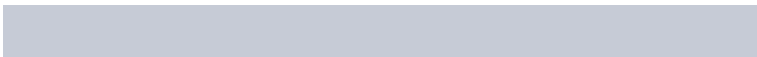
The Sweet Spot groups the original color and five complimentary colors.



58.6279, 58.8010, 71.8789



92.8605, 96.4880, 108.3375



56.8003, 59.6066, 72.1307



19.8990, 20.6892, 23.1946



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.



58.6279, 58.8010, 71.8789



85.5708, 84.8863, 106.4824



59.6936, 59.3933, 69.9910



12.5579, 12.4290, 15.6747



14.7334, 6.7479, 38.9791



0.9721, 0.4500, 2.3549

Inverse Universe

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



58.7071, 58.9987, 64.7963



85.7236, 85.2466, 93.7702



57.8721, 64.3143, 64.5835



12.5815, 12.4841, 13.7366



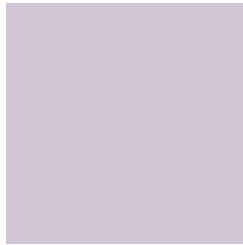
17.4137, 8.9018, 4.2168



1.0872, 0.5517, 0.4488

Previews

White Background



This preview shows how the XYZ color 58.6262, 58.7985, 71.8776 looks on a white background.

Color Contrast Check

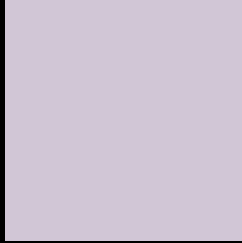
Large Text (above 18pt) WCAG AA × Fail

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 58.6262, 58.7985, 71.8776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

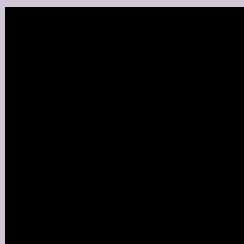
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6262, 58.7985, 71.8776

Background



This preview shows how black text looks on a background with the XYZ color 58.6262, 58.7985, 71.8776.

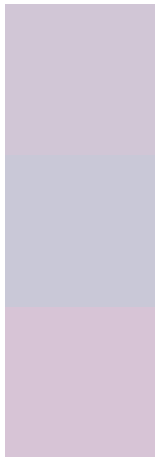


This preview shows how white text looks on a background with the XYZ color 58.6262, 58.7985,

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

58.6262, 58.7985, 71.8776

Protanopia

57.0074, 58.6324, 72.6025

Deuteranopia

59.9019, 58.7820, 71.8072



Tritanopia

58.6262, 58.7985, 71.8776

Trichromacy



Original Color

58.6262, 58.7985, 71.8776

Protanomaly

57.5910, 58.5905, 72.5637

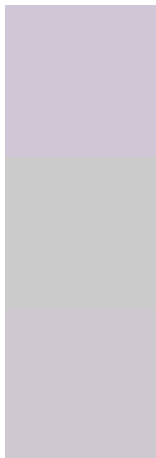
Deuteranomaly

59.5444, 58.9337, 71.8553

Tritanomaly

58.6262, 58.7985, 71.8776

Monochromacy



Original Color

58.6262, 58.7985, 71.8776

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3260, 59.2574, 67.4479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6262, 58.7985, 71.8776 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(209, 198, 214) looks like.

```
.text, #text, p{  
    color:rgb(209, 198, 214)  
}
```

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(209, 198, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 198, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.6262, 58.7985, 71.8776 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(209, 198, 214) }
```


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

```
.border{ border-color:rgb(209, 198, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 198, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 198, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 198, 214);  
box-shadow:4px 4px 4px 4px rgb(209, 198,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6262, 58.7985, 71.8776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 198, 214) }
```

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

```
.background{ background-color: rgb(209,  
198, 214) }
```

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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