

Converting Colors

XYZ(56.1269, 57.1890, 71.4437)

Have a look what the booklet for
XYZ(56.1269, 57.1890, 71.4437)
contains.

XYZ(56.1912, 57.2051, 71.6984)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.1912, 57.2051,
71.6984)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C5D6
RGB	201, 197, 214
RGB Percent	79%, 77%, 84%
CMY	0.2118, 0.2274, 0.1608
CMYK	0.06, 0.08, 0.00, 0.16
HSL	254°, 17%, 81%
HSV	254°, 8%, 84%
XYZ	56.1912, 57.2051, 71.6984
YIQ	200.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

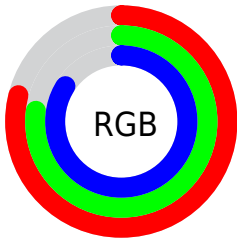
Format	Color
R_{YB}	201, 197, 214
Decimal	13223382
CIE _{Lab}	80.29, 4.58, -7.97
CIE _{LCh}	80, 9.195, 299.869
Yxy	57.2051, 0.3036, 0.3091
Android (android.graphics.Color)	4291413462 (0xFFC9C5D6)
YUV	200.1340, 6.8359, 0.7595
Hunter-Lab	75.6341, 0.2543, -3.2610

Details

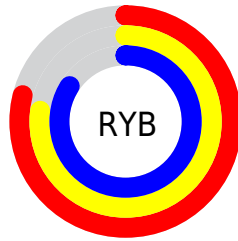
The XYZ color **56.1912, 57.2051, 71.6984** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7052, 65.8276, 62.3328**, and the grayscale version is **54.9442, 57.8056, 62.9503**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **28.1131, 28.3512, 36.7915** is the 20% darker color. If you saturate the color by 10%, you get **47.5049, 46.0197, 69.9981**, and if you desaturate by 10%, it is **66.0396, 70.0167, 73.6531**.

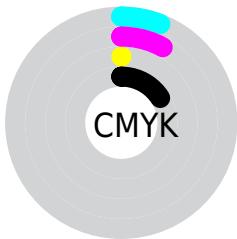
Distribution



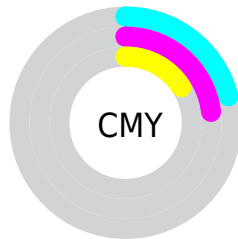
- Red (79%)
- Green (77%)
- Blue (84%)



- Red (79%)
- Yellow (77%)
- Blue (84%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1912, 57.2051, 71.6984 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 56.1912, 57.2051, 71.6984 by changing the saturation by 10% instead.

■ 56.1912, 57.2051,
71.6984

■ 56.1912, 57.2051,
71.6984

400.4750,
414.2174, 485.4405

■ 40.5938, 41.1699,
52.4270

98.4223, 100.7644,
123.3314

■ 28.1881, 28.4519,
36.9610

125.7867,
129.0573, 156.5300

■ 18.6087, 18.6666,
24.8817

157.8042,
162.2049, 195.2082

■ 11.4902, 11.4296,
15.7707

194.8401,
200.5916, 239.7844

■ 6.4673, 6.3566,
9.2095

237.2598,
244.6019, 290.6772

■ 3.1746, 3.0631,
4.7794

285.4286,

■ 1.2467, 1.1648,

294.6200, 348.3051

2.0619

339.7119,
351.0303, 413.0867

■ 0.1428, 0.0326,
0.5930

■ 0.0000, 0.0000,
0.0000

■ 56.1912, 57.2051,
71.6984

■ 56.1912, 57.2051,
71.6984

■ 47.5049, 46.0197,
69.9981

■ 66.0396, 70.0167,
73.6531

■ 39.9321, 36.3879,
68.5381

■ 77.0862, 84.5087,
75.8681

■ 33.4281, 28.2421,
67.3086

■ 87.3601, 96.7187,
77.6834

■ 27.9433, 21.5073,
66.2977

■ 89.1378, 97.6351,
77.7666

■ 23.4240, 16.1014,
65.4925

■ 19.8113, 11.9341,
64.8785

■ 17.0393, 8.9031,
64.4396

■ 15.0326, 6.8894,
64.1567

■ 13.6901, 5.7263,
64.0029

Harmonies

Analogous

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



54.3635, 57.2051, 73.2188



56.1912, 57.2051, 71.6984



57.5572, 57.2051, 67.6271

Triad

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



56.1912, 57.2051, 71.6984



56.2058, 57.2051, 53.7582



50.8378, 57.2051, 62.2630

Complementary

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



56.1912, 57.2051, 71.6984



60.7052, 65.8276, 62.3328

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.



51.3061, 57.2051, 57.2350



56.1912, 57.2051, 71.6984



54.3800, 57.2051, 52.5007

Square

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



56.1912, 57.2051, 71.6984



57.5657, 57.2051, 57.2737



52.5920, 57.2051, 53.7368



51.2981, 57.2051, 67.5838

Rectangle

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



56.1912, 57.2051, 71.6984



58.0069, 57.2051, 64.1247



52.5920, 57.2051, 53.7368



50.8917, 57.2051, 60.4840

Sweetspot

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



56.1929, 57.2075, 71.6997



92.0239, 96.0567, 108.2984



58.2204, 62.8368, 72.6794



19.7286, 20.6014, 23.1866



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.



56.1929, 57.2075, 71.6997



80.6328, 81.2824, 106.0470



58.5325, 58.4136, 71.8091



12.0132, 12.1482, 15.6492



8.2182, 3.3891, 38.6742



0.5701, 0.2428, 2.3361

Inverse Universe

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



59.3328, 58.8845, 69.2146



86.4974, 84.4155, 101.3608



58.3576, 64.6173, 62.2229



12.8223, 12.5804, 15.0046



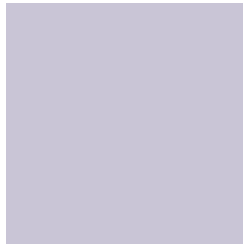
20.8368, 10.2711, 22.2426



1.2877, 0.6319, 1.5045

Previews

White Background



This preview shows how the XYZ color 56.1912, 57.2051, 71.6984 looks on a white background.

Color Contrast Check

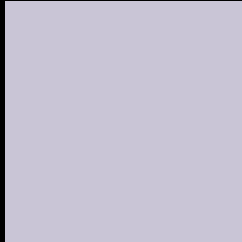
Large Text (above 18pt) WCAG AA × Fail

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 56.1912, 57.2051, 71.6984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

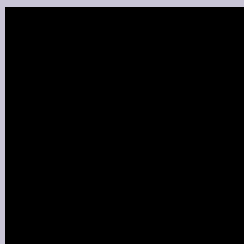
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1912, 57.2051, 71.6984

Background



This preview shows how black text looks on a background with the XYZ color 56.1912, 57.2051, 71.6984.



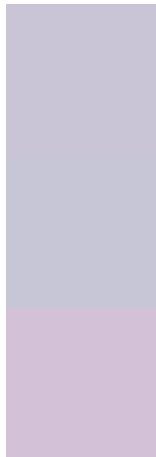
This preview shows how white text looks on a background with the XYZ color 56.1912, 57.2051,

71.6984.

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

56.1912, 57.2051, 71.6984

Protanopia

55.7485, 57.3002, 72.4118

Deuteranopia

58.1997, 56.8951, 72.2044



Tritanopia

56.0639, 57.1541, 71.0278

Trichromacy



Original Color

56.1912, 57.2051, 71.6984

Protanomaly

56.0130, 57.4366, 72.4241

Deuteranomaly

57.2897, 56.7553, 72.2254

Tritanomaly

56.0639, 57.1541, 71.0278

Monochromacy



Original Color

56.1912, 57.2051, 71.6984

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.2623, 57.5340, 65.9501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1912, 57.2051, 71.6984 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(201, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 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(201, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 214) }
```

Border

The CSS property to change the border of an element to XYZ 56.1912, 57.2051, 71.6984 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(201, 197, 214) }
```


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

```
.border{ border-color:rgb(201, 197, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1912, 57.2051, 71.6984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 214) }
```

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

```
.background{ background-color: rgb(201,  
197, 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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