

Converting Colors

XYZ(56.9843, 58.9949, 71.3345)

Have a look what the booklet for
XYZ(56.9843, 58.9949, 71.3345)
contains.

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Color

**XYZ(56.9843, 58.9949,
71.3345)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C9D5
RGB	201, 201, 213
RGB Percent	79%, 79%, 84%
CMY	0.2118, 0.2117, 0.1647
CMYK	0.06, 0.06, 0.00, 0.16
HSL	240°, 12%, 81%
HSV	240°, 6%, 84%
XYZ	56.9843, 58.9949, 71.3345
YIQ	202.3680, -3.8520, 3.7320

Conversions

Conversions Part 2

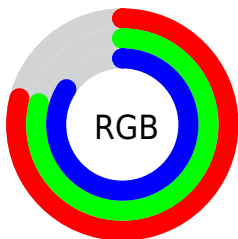
Format	Color
R _Y B	201, 201, 213
Decimal	13224405
CIE Lab	81.29, 2.26, -5.96
CIE LCh	81, 6.378, 290.750
Yxy	58.9949, 0.3042, 0.3150
Android (android.graphics.Color)	4291414485 (0xFFC9C9D5)
YUV	202.3680, 5.2416, -1.1997
Hunter-Lab	76.8081, -1.9843, -1.2991

Details

The XYZ color **56.9843, 58.9949, 71.3345** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7776, 65.9511, 64.7332**, and the grayscale version is **56.3403, 59.2743, 64.5498**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.6379, 29.5391, 36.5400** is the 20% darker color. If you saturate the color by 10%, you get **47.0262, 46.9972, 69.5445**, and if you desaturate by 10%, it is **68.4281, 72.7833, 73.3937**.

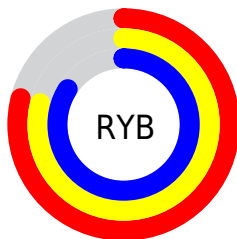
Distribution



Red (79%)

Green (79%)

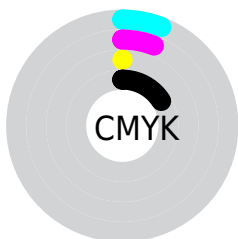
Blue (84%)



Red (79%)

Yellow (79%)

Blue (84%)

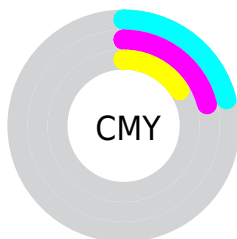


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (16%)



Cyan (21%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9843, 58.9949, 71.3345 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 56.9843, 58.9949, 71.3345 by changing the saturation by 10% instead.

■ 56.9843, 58.9949,
71.3345

■ 56.9843, 58.9949,
71.3345

403.4056,
420.8830, 484.1370

■ 41.2327, 42.6090,
52.1317

99.5738, 103.3703,
122.8088

■ 28.6895, 29.5785,
36.7271

127.1424,
132.1285, 155.9174

■ 18.9891, 19.5189,
24.7021

159.3807,
165.7797, 194.4983

■ 11.7664, 12.0458,
15.6383

196.6541,
204.7082, 238.9701

■ 6.6559, 6.7749,
9.1170

239.3279,
249.2983, 289.7514

■ 3.2922, 3.3217,
4.7197

287.7676,

■ 1.3101, 1.3019,

299.9346, 347.2606

2.0279

342.3383,
357.0014, 411.9163

■ 0.1908, 0.1427,
0.5724

■ 0.0000, 0.0000,
0.0000

■ 56.9843, 58.9949,
71.3345

■ 56.9843, 58.9949,
71.3345

■ 47.0262, 46.9972,
69.5445

■ 68.4281, 72.7833,
73.3937

■ 38.4878, 36.7096,
68.0088

■ 81.4094, 88.4237,
75.7284

■ 31.3063, 28.0566,
66.7171

■ 89.0104, 97.5842,
77.0959

■ 25.4118, 20.9541,
65.6568

■ 20.7281, 15.3105,
64.8144

■ 17.1714, 11.0246,
64.1746

■ 14.6468, 7.9823,
63.7204

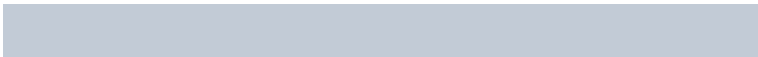
■ 13.0443, 6.0509,
63.4321

■ 12.2283, 5.0672,
63.2852

Harmonies

Analogous

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



55.6626, 58.9949, 71.7428



56.9843, 58.9949, 71.3345



58.0777, 58.9949, 68.9842

Triad

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



56.9843, 58.9949, 71.3345



57.7074, 58.9949, 58.7262



53.5852, 58.9949, 63.0647

Complementary

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



56.9843, 58.9949, 71.3345



61.7776, 65.9511, 64.7332

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.



54.1147, 58.9949, 59.7097



56.9843, 58.9949, 71.3345



56.4852, 58.9949, 57.2709

Square

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



56.9843, 58.9949, 71.3345



58.4998, 58.9949, 61.6740



55.1712, 58.9949, 57.6237



53.7141, 58.9949, 66.8668

Rectangle

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



56.9843, 58.9949, 71.3345



58.5234, 58.9949, 66.6817



55.1712, 58.9949, 57.6237



53.6918, 58.9949, 61.8497

Sweetspot

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



56.9860, 58.9974, 71.3358



91.5934, 95.8354, 108.2783



59.8675, 64.8009, 72.1711



19.6410, 20.5563, 23.1825



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.



56.9860, 58.9974, 71.3358



83.3541, 85.9082, 106.7965



58.5742, 59.8151, 71.4099



12.1715, 12.5257, 15.7137



7.3369, 2.9355, 38.6331



0.4426, 0.1772, 2.3302

Inverse Universe

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



58.8712, 60.1377, 63.7662



86.8763, 88.0387, 92.6534



60.1259, 65.1007, 64.6561



12.7230, 12.8592, 13.4994



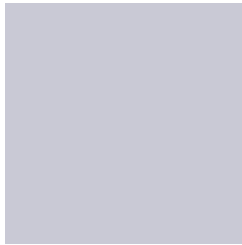
16.7622, 8.6412, 0.7857



1.0111, 0.5212, 0.0476

Previews

White Background



This preview shows how the XYZ color 56.9843, 58.9949, 71.3345 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 56.9843, 58.9949, 71.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

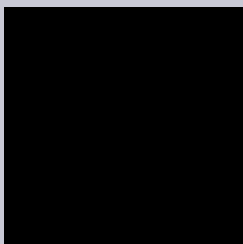
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

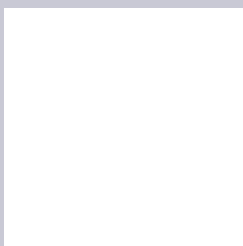
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9843, 58.9949, 71.3345

Background



This preview shows how black text looks on a background with the XYZ color 56.9843, 58.9949, 71.3345.

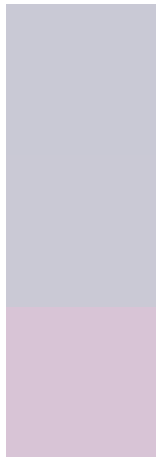


This preview shows how white text looks on a background with the XYZ color 56.9843, 58.9949,

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

56.9843, 58.9949, 71.3345

Protanopia

57.2540, 59.1339, 71.3472

Deuteranopia

60.1964, 58.9338, 71.8210



Tritanopia

57.4061, 58.8230, 73.2941

Trichromacy



Original Color

56.9843, 58.9949, 71.3345

Protanomaly

57.2540, 59.1339, 71.3472

Deuteranomaly

59.1957, 59.0921, 71.9043

Tritanomaly

57.2771, 58.7714, 72.6152

Monochromacy



Original Color

56.9843, 58.9949, 71.3345

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.6182, 59.2538, 66.8456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9843, 58.9949, 71.3345 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, 201, 213)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 213)  
}
```

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, 201, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 213) }
```

Border

The CSS property to change the border of an element to XYZ 56.9843, 58.9949, 71.3345 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, 201, 213) }
```


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

```
.border{ border-color:rgb(201, 201, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 201, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 213);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9843, 58.9949, 71.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 213) }
```

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

```
.background{ background-color: rgb(201,  
201, 213) }
```

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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