

Converting Colors

XYZ(55.3926, 56.7933, 71.6610)

Have a look what the booklet for
XYZ(55.3926, 56.7933, 71.6610)
contains.

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Color

**XYZ(55.3926, 56.7933,
71.6610)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C6C5D6 |
| RGB | 198, 197, 214 |
| RGB Percent | 78%, 77%, 84% |
| CMY | 0.2235, 0.2274, 0.1608 |
| CMYK | 0.07, 0.08, 0.00, 0.16 |
| HSL | 244°, 17%, 81% |
| HSV | 244°, 8%, 84% |
| XYZ | 55.3926, 56.7933, 71.6610 |
| YIQ | 199.2370, -4.8610, 5.4990 |

Conversions

Conversions Part 2

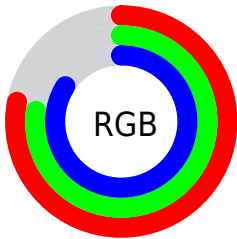
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 198, 197, 214 |
| Decimal | 13026774 |
| CIE Lab | 80.06, 3.58, -8.34 |
| CIE LCh | 80, 9.078, 293.226 |
| Yxy | 56.7933, 0.3013, 0.3089 |
| Android (android.graphics.Color) | 4291216854 (0xFFC6C5D6) |
| YUV | 199.2370, 7.2782, -1.0848 |
| Hunter-Lab | 75.3613, -0.6800, -3.6259 |

Details

The XYZ color **55.3926, 56.7933, 71.6610** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5671, 66.2719, 62.3729**, and the grayscale version is **54.3915, 57.2241, 62.3171**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **27.5821, 28.0774, 36.7666** is the 20% darker color. If you saturate the color by 10%, you get **45.9131, 45.1990, 69.9236**, and if you desaturate by 10%, it is **66.2714, 70.1360, 73.6639**.

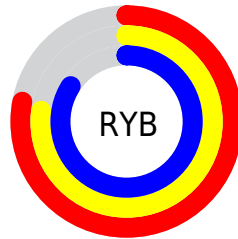
Distribution



Red (78%)

Green (77%)

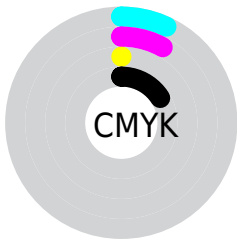
Blue (84%)



Red (78%)

Yellow (77%)

Blue (84%)

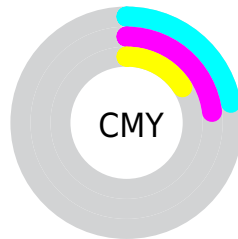


Cyan (7%)

Magenta (8%)

Yellow (0%)

Black (16%)



Cyan (22%)

Magenta (23%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3926, 56.7933, 71.6610 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 55.3926, 56.7933, 71.6610 by changing the saturation by 10% instead.

■ 55.3926, 56.7933,
71.6610

■ 55.3926, 56.7933,
71.6610

397.5107,
412.6743, 485.3066

■ 39.9512, 40.8393,
52.3967

97.2609, 100.1635,
123.2777

■ 27.6846, 28.1935,
36.9369

124.4186,
128.3485, 156.4671

■ 18.2272, 18.4716,
24.8633

156.2123,
161.3794, 195.1353

■ 11.2139, 11.2891,
15.7571

193.0076,
199.6404, 239.7007

■ 6.2793, 6.2616,
9.2000

235.1697,
243.5160, 290.5821

■ 3.0579, 3.0048,
4.7732

283.0640,

■ 1.1845, 1.1343,

293.3906, 348.1978

2.0584

337.0559,
349.6486, 412.9665

■ 0.0940, 0.0070,
0.5909

■ 0.0000, 0.0000,
0.0000

■ 55.3926, 56.7933,
71.6610

■ 55.3926, 56.7933,
71.6610

■ 45.9131, 45.1990,
69.9236

■ 66.2714, 70.1360,
73.6639

■ 37.7714, 35.2739,
68.4369

■ 78.5979, 85.2879,
75.9388

■ 30.9086, 26.9432,
67.1907

■ 89.1378, 97.6351,
77.7666

■ 25.2597, 20.1238,
66.1721

■ 20.7540, 14.7249,
65.3675

■ 17.3132, 10.6462,
64.7616

■ 14.8493, 7.7741,
64.3371

■ 13.2603, 5.9757,
64.0737

■ 12.4115, 5.0672,
63.9431

Harmonies

Analogous

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



53.5626, 56.7933, 72.4950



55.3926, 56.7933, 71.6610



56.8745, 56.7933, 68.1276

Triad

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



55.3926, 56.7933, 71.6610



56.1339, 56.7933, 54.0459



50.5309, 56.7933, 60.6465

Complementary

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



55.3926, 56.7933, 71.6610



61.5671, 66.2719, 62.3729

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.



51.1861, 56.7933, 55.9484



55.3926, 56.7933, 71.6610



54.4002, 56.7933, 52.2806

Square

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



55.3926, 56.7933, 71.6610



57.3092, 56.7933, 57.9144



52.5923, 56.7933, 52.9568



50.7829, 56.7933, 65.9354

Rectangle

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



55.3926, 56.7933, 71.6610



57.4516, 56.7933, 64.8195



52.5923, 56.7933, 52.9568



50.6518, 56.7933, 58.9498

Sweetspot

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



55.3943, 56.7957, 71.6623



91.7003, 95.8899, 108.2832



58.9973, 64.3907, 72.9383



19.6627, 20.5674, 23.1835



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.



55.3943, 56.7957, 71.6623



79.1617, 80.5241, 105.9782



57.6567, 57.9620, 71.7681



11.8094, 12.0431, 15.6397



7.4619, 2.9993, 38.6388



0.4743, 0.1934, 2.3316

Inverse Universe

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



59.7099, 59.0352, 71.2012



87.2078, 84.6997, 105.1019



59.2067, 65.0550, 62.2624



12.9201, 12.6195, 15.5194



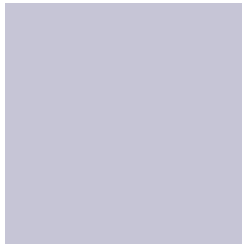
23.1794, 11.2081, 34.5784



1.4079, 0.6799, 2.1371

Previews

White Background



This preview shows how the XYZ color 55.3926, 56.7933, 71.6610 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 55.3926, 56.7933, 71.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

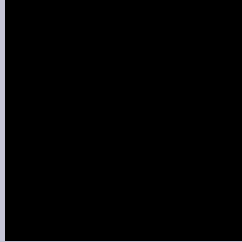
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3926, 56.7933, 71.6610

Background



This preview shows how black text looks on a background with the XYZ color 55.3926, 56.7933, 71.6610.



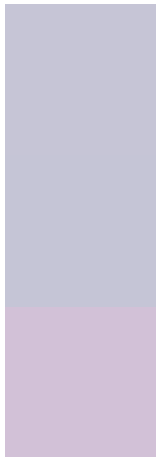
This preview shows how white text looks on a background with the XYZ color 55.3926, 56.7933,

71.6610.

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

55.3926, 56.7933, 71.6610

Protanopia

55.1298, 56.6579, 71.6487

Deuteranopia

57.9140, 56.7479, 72.1910



Tritanopia

55.2652, 56.7424, 70.9904

Trichromacy



Original Color

55.3926, 56.7933, 71.6610

Protanomaly

55.1298, 56.6579, 71.6487

Deuteranomaly

57.0111, 56.6117, 72.2123

Tritanomaly

55.2652, 56.7424, 70.9904

Monochromacy



Original Color

55.3926, 56.7933, 71.6610

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.6464, 56.8899, 65.2274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3926, 56.7933, 71.6610 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(198, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 197, 214) }
```

Border

The CSS property to change the border of an element to XYZ 55.3926, 56.7933, 71.6610 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(198, 197, 214) }
```


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

```
.border{ border-color:rgb(198, 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(198, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(198, 197,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3926, 56.7933, 71.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 197, 214) }
```

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

```
.background{ background-color: rgb(198,  
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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