

Converting Colors

XYZ(55.2556, 56.6780, 73.6733)

Have a look what the booklet for
XYZ(55.2556, 56.6780, 73.6733)
contains.

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Color

**XYZ(55.2556, 56.6780,
73.6733)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C5D9
RGB	196, 197, 217
RGB Percent	77%, 77%, 85%
CMY	0.2314, 0.2274, 0.1490
CMYK	0.10, 0.09, 0.00, 0.15
HSL	237°, 22%, 81%
HSV	237°, 10%, 85%
XYZ	55.2556, 56.6780, 73.6733
YIQ	198.9810, -7.0160, 6.0080

Conversions

Conversions Part 2

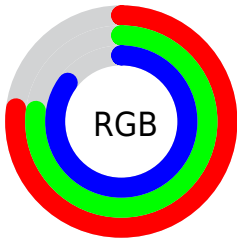
Format	Color
R _Y B	196, 197, 217
Decimal	12895705
CIE Lab	80.00, 3.52, -10.07
CIE LCh	80, 10.664, 289.249
Yxy	56.6780, 0.2977, 0.3054
Android (android.graphics.Color)	4291085785 (0xFFC4C5D9)
YUV	198.9810, 8.8834, -2.6143
Hunter-Lab	75.2848, -0.7375, -5.3215

Details

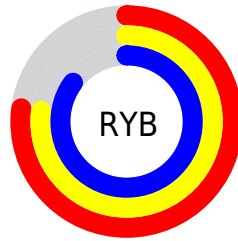
The XYZ color **55.2556, 56.6780, 73.6733** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1352, 67.8486, 61.9942**, and the grayscale version is **54.2263, 57.0503, 62.1278**.

A 20% lighter version of the original color is **93.9998, 98.9863, 108.7597**, and **27.4994, 28.0043, 38.1384** is the 20% darker color. If you saturate the color by 10%, you get **45.6396, 45.2275, 71.9708**, and if you desaturate by 10%, it is **66.3345, 69.8405, 75.6309**.

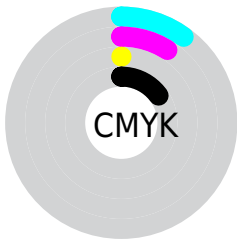
Distribution



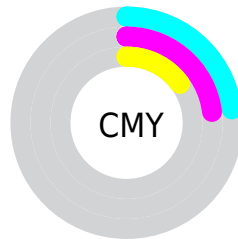
- Red (77%)
- Green (77%)
- Blue (85%)



- Red (77%)
- Yellow (77%)
- Blue (85%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2556, 56.6780, 73.6733 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 55.2556, 56.6780, 73.6733 by changing the saturation by 10% instead.

■ 55.2556, 56.6780,
73.6733

■ 55.2556, 56.6780,
73.6733

397.0008,
412.2416, 492.4783

■ 39.8411, 40.7468,
54.0315

97.0615, 99.9952,
126.1623

■ 27.5983, 28.1213,
38.2335

124.1835,
128.1500, 159.8467

■ 18.1620, 18.4171,
25.8607

155.9388,
161.1480, 199.0490

■ 11.1667, 11.2499,
16.4947

192.6926,
199.3738, 244.1877

■ 6.2472, 6.2351,
9.7167

234.8104,
243.2116, 295.6815

■ 3.0381, 2.9886,
5.1084

282.6574,

■ 1.1739, 1.1258,

293.0459, 353.9488

2.2512

336.5991,
349.2612, 419.4082

■ 0.0856, 0.0000,
0.7037

■ 0.0000, 0.0000,
0.0000

■ 55.2556, 56.6780,
73.6733

■ 55.2556, 56.6780,
73.6733

■ 45.6396, 45.2275,
71.9708

■ 66.3345, 69.8405,
75.6309

■ 37.4206, 35.4118,
70.5094

■ 78.9286, 84.7737,
77.8495

■ 30.5350, 27.1586,
69.2793

■ 89.5246, 97.7898,
79.8034

■ 24.9127, 20.3871,
68.2686

■ 20.4766, 15.0096,
67.4644

■ 17.1418, 10.9288,
66.8525

■ 14.8115, 8.0354,
66.4168

■ 13.3726, 6.2015,
66.1387

■ 12.6533, 5.2543,
65.9938

Harmonies

Analogous

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



53.0975, 56.6780, 74.1894



55.2556, 56.6780, 73.6733



57.0881, 56.6780, 69.8314

Triad

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



55.2556, 56.6780, 73.6733



56.6356, 56.6780, 53.1100



49.8815, 56.6780, 59.5143

Complementary

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



55.2556, 56.6780, 73.6733



63.1352, 67.8486, 61.9942

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.



50.7766, 56.6780, 54.2490



55.2556, 56.6780, 73.6733



54.6514, 56.6780, 50.7197

Square

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



55.2556, 56.6780, 73.6733



57.8994, 56.6780, 57.8630



52.5092, 56.6780, 51.1222



50.0334, 56.6780, 65.7295

Rectangle

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



55.2556, 56.6780, 73.6733



57.8603, 56.6780, 66.0362



52.5092, 56.6780, 51.1222



50.0689, 56.6780, 57.5822

Sweetspot

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



55.2573, 56.6804, 73.6746



90.0112, 94.0177, 108.0109



59.9670, 66.3177, 74.5728



18.9851, 19.7898, 23.0691



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.



55.2573, 56.6804, 73.6746



76.0731, 77.4484, 105.5473



57.5665, 57.5340, 73.7176



12.3883, 12.7164, 16.4537



7.6715, 3.2123, 39.9541



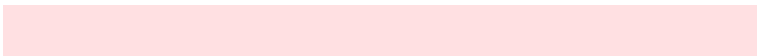
0.5150, 0.2440, 2.5944

Inverse Universe

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



58.4346, 58.2641, 60.9923



81.7117, 80.2699, 83.0384



60.6637, 66.9570, 61.9524



13.0811, 13.0615, 13.6884



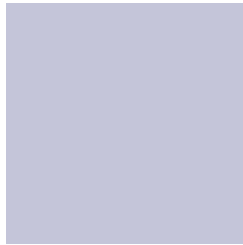
17.3675, 8.9480, 1.0495



1.1342, 0.5833, 0.1157

Previews

White Background



This preview shows how the XYZ color 55.2556, 56.6780, 73.6733 looks on a white background.

Color Contrast Check

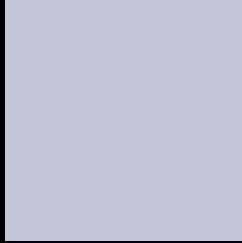
Large Text (above 18pt) WCAG AA × Fail

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 55.2556, 56.6780, 73.6733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

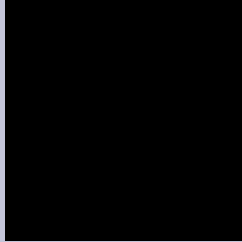
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2556, 56.6780, 73.6733

Background



This preview shows how black text looks on a background with the XYZ color 55.2556, 56.6780, 73.6733.



This preview shows how white text looks on a background with the XYZ color 55.2556, 56.6780,

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

55.2556, 56.6780, 73.6733

Protanopia

55.2556, 56.6780, 73.6733

Deuteranopia

57.7373, 56.6118, 74.2138



Tritanopia

54.7100, 56.7944, 71.0297

Trichromacy



Original Color

55.2556, 56.6780, 73.6733

Protanomaly

55.2556, 56.6780, 73.6733

Deuteranomaly

56.8485, 56.4829, 74.2357

Tritanomaly

54.8374, 56.8453, 71.7003

Monochromacy



Original Color

55.2556, 56.6780, 73.6733

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.6234, 56.8502, 66.4867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2556, 56.6780, 73.6733 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(196, 197, 217)` looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 217)  
}
```

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(196, 197, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 217) }
```

Border

The CSS property to change the border of an element to XYZ 55.2556, 56.6780, 73.6733 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(196, 197, 217) }
```


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

```
.border{ border-color:rgb(196, 197, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 197, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 197, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 197, 217); box-shadow:4px 4px 4px 4px rgb(196, 197, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2556, 56.6780, 73.6733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 217) }
```

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

```
.background{ background-color: rgb(196,  
197, 217) }
```

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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