

Converting Colors

XYZ(54.3870, 56.1912, 73.2859)

Have a look what the booklet for
XYZ(54.3870, 56.1912, 73.2859)
contains.

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Color

**XYZ(54.4830, 56.2797,
73.6372)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C5D9
RGB	193, 197, 217
RGB Percent	76%, 77%, 85%
CMY	0.2431, 0.2274, 0.1490
CMYK	0.11, 0.09, 0.00, 0.15
HSL	230°, 24%, 80%
HSV	230°, 11%, 85%
XYZ	54.4830, 56.2797, 73.6372
YIQ	198.0840, -8.8040, 5.3720

Conversions

Conversions Part 2

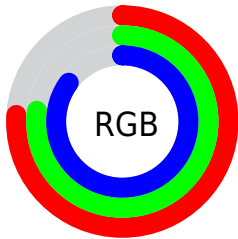
Format	Color
R_{YB}	193, 196, 217
Decimal	12699097
CIE _{Lab}	79.77, 2.53, -10.43
CIE _{LCh}	80, 10.731, 283.654
Yxy	56.2797, 0.2955, 0.3052
Android (android.graphics.Color)	4290889177 (0xFFC1C5D9)
YUV	198.0840, 9.3256, -4.4587
Hunter-Lab	75.0198, -1.6493, -5.6834

Details

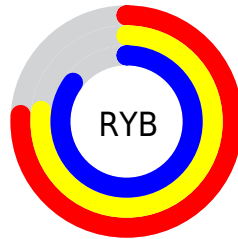
The XYZ color **54.4830, 56.2797, 73.6372** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0356, 66.1903, 59.9597**, and the grayscale version is **53.6779, 56.4733, 61.4994**.

A 20% lighter version of the original color is **92.9162, 98.4276, 108.7090**, and **26.9915, 27.7425, 38.1147** is the 20% darker color. If you saturate the color by 10%, you get **45.4897, 45.9111, 72.1107**, and if you desaturate by 10%, it is **64.7838, 68.0564, 75.3683**.

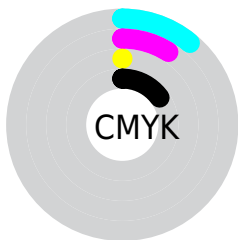
Distribution



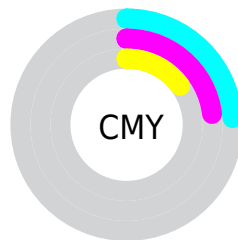
- Red (76%)
- Green (77%)
- Blue (85%)



- Red (76%)
- Yellow (77%)
- Blue (85%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4830, 56.2797, 73.6372 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 54.4830, 56.2797, 73.6372 by changing the saturation by 10% instead.

■ 54.4830, 56.2797,
73.6372

■ 54.4830, 56.2797,
73.6372

394.1175,
410.7447, 492.3502

■ 39.2202, 40.4272,
54.0022

■ 95.9358, 99.4134,
126.1107

■ 27.1125, 27.8718,
38.2102

122.8565,
127.4634, 159.7862

■ 17.7948, 18.2290,
25.8428

154.3938,
160.3481, 198.9789

■ 10.9015, 11.1146,
16.4813

190.9131,
198.4518, 244.1075

■ 6.0675, 6.1439,
9.7074

232.7798,
242.1589, 295.5903

■ 2.9272, 2.9328,
5.1023

280.3592,

■ 1.1154, 1.0968,

291.8538, 353.8460

2.2476

334.0166,
347.9210, 419.2931

■ 0.0379, 0.0000,
0.7017

■ 0.0000, 0.0000,
0.0000

■ 54.4830, 56.2797,
73.6372

■ 54.4830, 56.2797,
73.6372

■ 45.4897, 45.9111,
72.1107

■ 64.7838, 68.0564,
75.3683

■ 37.7463, 36.8906,
70.7777

■ 76.4366, 81.2840,
77.3073

■ 31.1984, 29.1645,
69.6316

■ 88.3393, 95.4194,
79.4084

■ 25.7855, 22.6725,
68.6638

■ 89.5246, 97.7898,
79.8035

■ 21.4416, 17.3496,
67.8653

■ 18.0941, 13.1246,
67.2262

■ 15.6606, 9.9183,
66.7356

■ 14.0449, 7.6401,
66.3810

■ 13.1612, 6.2830,
66.1657

Harmonies

Analogous

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



52.3267, 56.2797, 73.4732



54.4830, 56.2797, 73.6372



56.4239, 56.2797, 70.3359

Triad

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



54.4830, 56.2797, 73.6372



56.5675, 56.2797, 53.3962



49.5882, 56.2797, 57.9778

Complementary

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



54.4830, 56.2797, 73.6372



62.0356, 66.1903, 59.9597

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.



50.6638, 56.2797, 53.0351



54.4830, 56.2797, 73.6372



54.6748, 56.2797, 50.5147

Square

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



54.4830, 56.2797, 73.6372



57.6492, 56.2797, 58.5017



52.5134, 56.2797, 50.3872



49.5400, 56.2797, 64.1428

Rectangle

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



54.4830, 56.2797, 73.6372



57.3183, 56.2797, 66.7354



52.5134, 56.2797, 50.3872



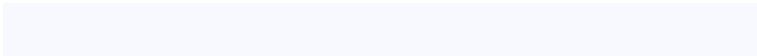
49.8402, 56.2797, 56.1285

Sweetspot

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



54.4847, 56.2821, 73.6384



90.2914, 94.5781, 108.1043



58.7658, 65.7480, 72.2793



19.0603, 19.9404, 23.0942



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.



54.4847, 56.2821, 73.6384



75.7010, 77.8713, 105.6485



55.5755, 55.5131, 73.4325



12.5133, 12.9663, 16.4954



8.0189, 3.9073, 40.0699



0.5743, 0.3626, 2.6142

Inverse Universe

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



57.7647, 56.9242, 60.7689



81.2389, 78.9899, 83.9119



60.8474, 67.0907, 60.1961



13.1442, 13.0868, 14.0206



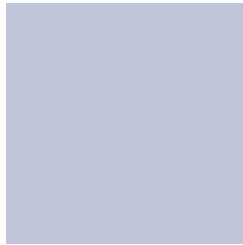
17.5429, 9.0182, 1.9731



1.1642, 0.5953, 0.2734

Previews

White Background



This preview shows how the XYZ color 54.4830, 56.2797, 73.6372 looks on a white background.

Color Contrast Check

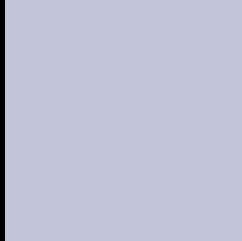
Large Text (above 18pt) WCAG AA × Fail

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 54.4830, 56.2797, 73.6372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

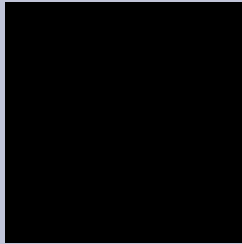
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4830, 56.2797, 73.6372

Background



This preview shows how black text looks on a background with the XYZ color 54.4830, 56.2797, 73.6372.

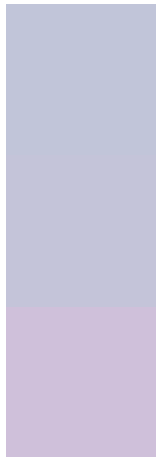


This preview shows how white text looks on a background with the XYZ color 54.4830, 56.2797,

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

54.4830, 56.2797, 73.6372

Protanopia

55.0293, 56.2254, 73.5979

Deuteranopia

57.2367, 56.0266, 74.1272



Tritanopia

53.9426, 56.3987, 70.9938

Trichromacy



Original Color

54.4830, 56.2797, 73.6372

Protanomaly

54.7700, 56.0917, 73.5857

Deuteranomaly

56.3038, 56.2021, 74.2102

Tritanomaly

54.0699, 56.4497, 71.6644

Monochromacy



Original Color

54.4830, 56.2797, 73.6372

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.9785, 56.5317, 65.8243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4830, 56.2797, 73.6372 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(193, 197, 217)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 197, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 197, 217) }
```

Border

The CSS property to change the border of an element to XYZ 54.4830, 56.2797, 73.6372 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(193, 197, 217) }
```


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

```
.border{ border-color:rgb(193, 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(193, 197, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 197, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 197, 217);  
box-shadow:4px 4px 4px 4px rgb(193, 197,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4830, 56.2797, 73.6372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 197, 217) }
```

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

```
.background{ background-color: rgb(193,  
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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