

Converting Colors

XYZ(54.4268, 56.3005, 71.2482)

Have a look what the booklet for
XYZ(54.4268, 56.3005, 71.2482)
contains.

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Color

**XYZ(54.4822, 56.3387,
70.9537)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C5D5
RGB	195, 197, 213
RGB Percent	76%, 77%, 84%
CMY	0.2353, 0.2274, 0.1647
CMYK	0.08, 0.08, 0.00, 0.16
HSL	233°, 18%, 80%
HSV	233°, 8%, 84%
XYZ	54.4822, 56.3387, 70.9537
YIQ	198.2260, -6.3280, 4.5520

Conversions

Conversions Part 2

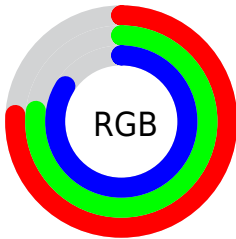
Format	Color
R_{YB}	195, 197, 213
Decimal	12830165
CIE _{Lab}	79.81, 2.39, -8.21
CIE _{LCh}	80, 8.551, 286.209
Yxy	56.3387, 0.2997, 0.3099
Android (android.graphics.Color)	4291020245 (0xFFC3C5D5)
YUV	198.2260, 7.2836, -2.8292
Hunter-Lab	75.0591, -1.7879, -3.5057

Details

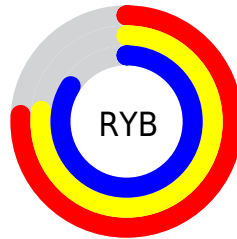
The XYZ color **54.4822, 56.3387, 70.9537** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5854, 64.6744, 60.9211**, and the grayscale version is **53.7752, 56.5756, 61.6109**.

A 20% lighter version of the original color is **93.6367, 98.7991, 108.7427**, and **26.9785, 27.7763, 36.2872** is the 20% darker color. If you saturate the color by 10%, you get **45.3348, 45.6390, 69.3714**, and if you desaturate by 10%, it is **64.9578, 68.5275, 72.7551**.

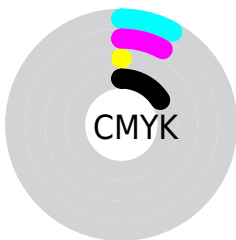
Distribution



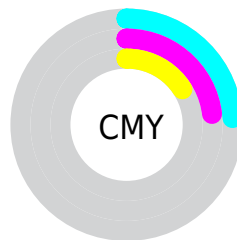
- Red (76%)
- Green (77%)
- Blue (84%)



- Red (76%)
- Yellow (77%)
- Blue (84%)



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



- Cyan (24%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4822, 56.3387, 70.9537 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 54.4822, 56.3387, 70.9537 by changing the saturation by 10% instead.

■ 54.4822, 56.3387,
70.9537

■ 54.4822, 56.3387,
70.9537

394.1145,
410.9667, 482.7709

■ 39.2195, 40.4745,
51.8228

■ 95.9346, 99.4996,
122.2616

■ 27.1120, 27.9087,
36.4826

122.8551,
127.5652, 155.2758

■ 17.7944, 18.2569,
24.5145

154.3922,
160.4666, 193.7547

■ 10.9013, 11.1346,
15.5000

190.9113,
198.5884, 238.1171

■ 6.0673, 6.1574,
9.0205

232.7777,
242.3149, 288.7813

■ 2.9271, 2.9410,
4.6576

280.3568,

■ 1.1153, 1.1010,

292.0306, 346.1660

1.9926

334.0140,
348.1197, 410.6897

■ 0.0379, 0.0000,
0.5507

■ 0.0000, 0.0000,
0.0000

■ 54.4822, 56.3387,
70.9537

■ 54.4822, 56.3387,
70.9537

■ 45.3348, 45.6390,
69.3714

■ 64.9578, 68.5275,
72.7551

■ 37.4575, 36.3642,
67.9964

■ 76.8066, 82.2520,
74.7797

■ 30.7955, 28.4562,
66.8211

■ 88.6273, 96.8180,
76.9682

■ 25.2880, 21.8502,
65.8363

■ 89.0104, 97.5842,
77.0959

■ 20.8687, 16.4757,
65.0319

■ 17.4647, 12.2560,
64.3968

■ 14.9940, 9.1053,
63.9189

■ 13.3615, 6.9258,
63.5842

■ 12.4353, 5.5926,
63.3757

Harmonies

Analogous

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



52.7592, 56.3387, 71.0684



54.4822, 56.3387, 70.9537



55.9856, 56.3387, 68.1751

Triad

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



54.4822, 56.3387, 70.9537



55.8834, 56.3387, 54.7199



50.3822, 56.3387, 59.1002

Complementary

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



54.4822, 56.3387, 70.9537



60.5854, 64.6744, 60.9211

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.



51.1827, 56.3387, 54.9838



54.4822, 56.3387, 70.9537



54.3451, 56.3387, 52.5484

Square

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



54.4822, 56.3387, 70.9537



56.8064, 56.3387, 58.7221



52.6250, 56.3387, 52.6423



50.4171, 56.3387, 64.0413

Rectangle

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



54.4822, 56.3387, 70.9537



56.6501, 56.3387, 65.2672



52.6250, 56.3387, 52.6423



50.5617, 56.3387, 57.5799

Sweetspot

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



54.4839, 56.3411, 70.9549



90.1606, 94.3164, 108.0607



58.0462, 63.8897, 70.8358



19.0252, 19.8700, 23.0825



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.



54.4839, 56.3411, 70.9549



79.4745, 81.8636, 106.2202



55.8565, 56.3781, 70.8897



11.8528, 12.2289, 15.6732



7.5694, 3.4006, 38.7106



0.4948, 0.2817, 2.3476

Inverse Universe

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



57.0350, 57.2088, 60.8624



84.0113, 83.4211, 88.2692



59.1269, 64.6657, 60.9963



12.4789, 12.4430, 13.1960



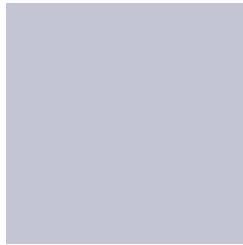
16.8795, 8.6881, 1.4038



1.0374, 0.5318, 0.1865

Previews

White Background



This preview shows how the XYZ color 54.4822, 56.3387, 70.9537 looks on a white background.

Color Contrast Check

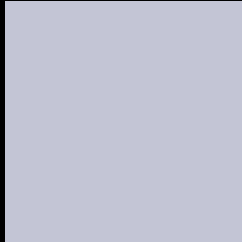
Large Text (above 18pt) WCAG AA × Fail

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 54.4822, 56.3387, 70.9537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

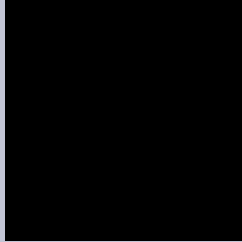
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4822, 56.3387, 70.9537

Background



This preview shows how black text looks on a background with the XYZ color 54.4822, 56.3387, 70.9537.

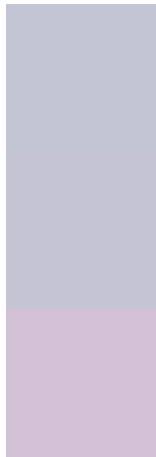


This preview shows how white text looks on a background with the XYZ color 54.4822, 56.3387,

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

54.4822, 56.3387, 70.9537

Protanopia

54.7761, 56.1543, 70.9026

Deuteranopia

57.2817, 56.1096, 71.4295



Tritanopia

54.4822, 56.3387, 70.9537

Trichromacy



Original Color

54.4822, 56.3387, 70.9537

Protanomaly

54.5151, 56.0197, 70.8904

Deuteranomaly

56.3312, 56.2760, 71.5117

Tritanomaly

54.4822, 56.3387, 70.9537

Monochromacy



Original Color

54.4822, 56.3387, 70.9537

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.9995, 56.5703, 64.5730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4822, 56.3387, 70.9537 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(195, 197, 213) looks like.

```
.text, #text, p{  
    color:rgb(195, 197, 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(195, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 197, 213) }
```

Border

The CSS property to change the border of an element to XYZ 54.4822, 56.3387, 70.9537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

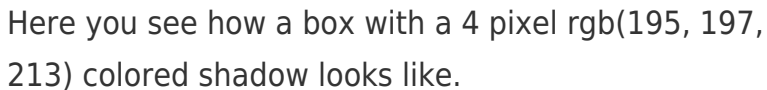
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 197, 213) }
```


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

```
.border{ border-color:rgb(195, 197, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 197, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 197, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 197, 213); box-shadow:4px 4px 4px 4px rgb(195, 197, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4822, 56.3387, 70.9537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 197, 213) }
```

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

```
.background{ background-color: rgb(195,  
197, 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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