

Converting Colors

XYZ(54.2518, 56.3210, 66.4051)

Have a look what the booklet for
XYZ(54.2518, 56.3210, 66.4051)
contains.

XYZ(54.1328, 56.2591, 66.3985)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.1328, 56.2591,
66.3985)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C5CE
RGB	197, 197, 206
RGB Percent	77%, 77%, 81%
CMY	0.2274, 0.2274, 0.1922
CMYK	0.04, 0.04, 0.00, 0.19
HSL	240°, 8%, 79%
HSV	240°, 4%, 81%
XYZ	54.1328, 56.2591, 66.3985
YIQ	198.0260, -2.8890, 2.7990

Conversions

Conversions Part 2

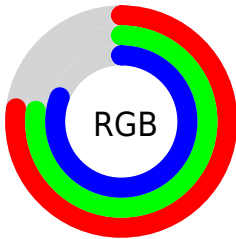
Format	Color
RYB	197, 197, 206
Decimal	12961230
CIELab	79.76, 1.69, -4.50
CIElCh	80, 4.804, 290.621
Yxy	56.2591, 0.3062, 0.3182
Android (android.graphics.Color)	4291151310 (0xFFC5C5CE)
YUV	198.0260, 3.9312, -0.8998
Hunter-Lab	75.0061, -2.4350, 0.0183

Details

The XYZ color **54.1328, 56.2591, 66.3985** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6030, 61.2949, 61.6193**, and the grayscale version is **53.6718, 56.4669, 61.4925**.

A 20% lighter version of the original color is **94.3649, 99.1745, 108.7768**, and **26.8176, 27.7516, 33.6489** is the 20% darker color. If you saturate the color by 10%, you get **44.7424, 44.9459, 64.7106**, and if you desaturate by 10%, it is **64.9023, 69.2346, 68.3363**.

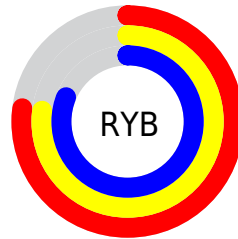
Distribution



Red (77%)

Green (77%)

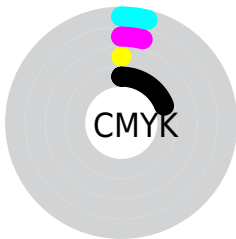
Blue (81%)



Red (77%)

Yellow (77%)

Blue (81%)

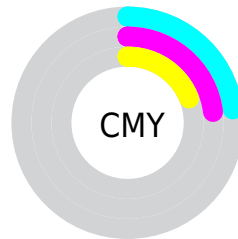


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (19%)



Cyan (23%)

Magenta (23%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1328, 56.2591, 66.3985 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 54.1328, 56.2591, 66.3985 by changing the saturation by 10% instead.

■ 54.1328, 56.2591,
66.3985

■ 54.1328, 56.2591,
66.3985

392.8063,
410.6672, 466.2438

■ 38.9389, 40.4107,
48.1374

95.4250, 99.3833,
115.6905

■ 26.8927, 27.8589,
33.5750

122.2540,
127.4279, 147.5586

■ 17.6289, 18.2193,
22.2926

153.6921,
160.3067, 184.7994

■ 10.7819, 11.1076,
13.8717

190.1046,
198.4040, 227.8316

■ 5.9866, 6.1392,
7.8937

231.8569,
242.1044, 277.0735

■ 2.8775, 2.9299,
3.9402

279.3144,

■ 1.0893, 1.0953,

291.7921, 332.9438

1.5926

332.8424,
347.8516, 395.8611

■ 0.0162, 0.0000,
0.2855

■ 0.0000, 0.0000,
0.0000

■ 54.1328, 56.2591,
66.3985

■ 54.1328, 56.2591,
66.3985

■ 44.7424, 44.9459,
64.7106

■ 64.9023, 69.2346,
68.3363

■ 36.6708, 35.2209,
63.2589

■ 77.0982, 83.9280,
70.5296

■ 29.8605, 27.0153,
62.0340

■ 88.1407, 97.2363,
72.5163

■ 24.2478, 20.2525,
61.0245

■ 19.7634, 14.8490,
60.2179

■ 16.3311, 10.7129,
59.6004

■ 13.8651, 7.7410,
59.1568

■ 12.2663, 5.8139,
58.8691

■ 11.4144, 4.7867,
58.7157

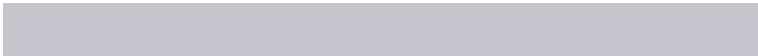
Harmonies

Analogous

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



53.1689, 56.2591, 66.6850



54.1328, 56.2591, 66.3985



54.9287, 56.2591, 64.7120

Triad

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



54.1328, 56.2591, 66.3985



54.6659, 56.2591, 57.2159



51.6516, 56.2591, 60.3893

Complementary

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



54.1328, 56.2591, 66.3985



57.6030, 61.2949, 61.6193

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.



52.0424, 56.2591, 57.9264



54.1328, 56.2591, 66.3985



53.7774, 56.2591, 56.1311

Square

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



54.1328, 56.2591, 66.3985



55.2391, 56.2591, 59.3928



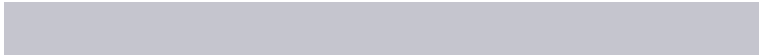
52.8178, 56.2591, 56.3872



51.7442, 56.2591, 63.1590

Rectangle

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



54.1328, 56.2591, 66.3985



55.2532, 56.2591, 63.0480



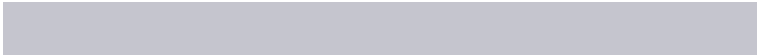
52.8178, 56.2591, 56.3872



51.7306, 56.2591, 59.4994

Sweetspot

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



54.1344, 56.2615, 66.3997



93.3102, 97.9039, 108.5871



56.2205, 60.4628, 67.0052



19.9906, 20.9776, 23.2454



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.



54.1344, 56.2615, 66.3997



86.5818, 89.7975, 107.3770



55.2893, 56.8557, 66.4536



11.3817, 11.7839, 14.2450



6.8607, 2.7453, 36.1246



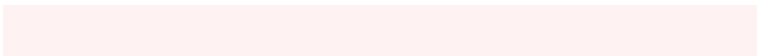
0.3541, 0.1419, 1.8637

Inverse Universe

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



55.4991, 57.0866, 60.9199



89.1319, 91.3393, 97.1376



56.4127, 60.6825, 61.5638



11.7573, 12.0110, 12.7366



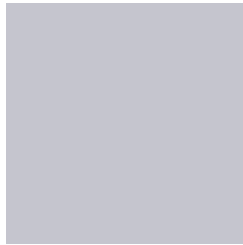
15.6739, 8.0801, 0.7353



0.8087, 0.4169, 0.0382

Previews

White Background



This preview shows how the XYZ color 54.1328, 56.2591, 66.3985 looks on a white background.

Color Contrast Check

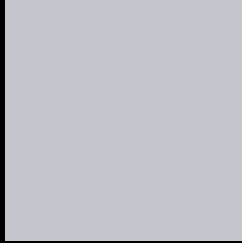
Large Text (above 18pt) WCAG AA × Fail

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 54.1328, 56.2591, 66.3985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

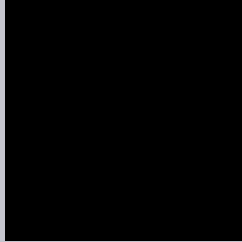
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1328, 56.2591, 66.3985

Background



This preview shows how black text looks on a background with the XYZ color 54.1328, 56.2591, 66.3985.

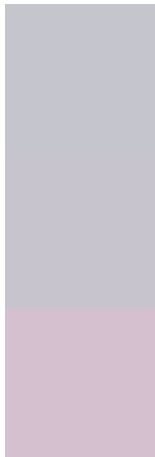


This preview shows how white text looks on a background with the XYZ color 54.1328, 56.2591,

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

54.1328, 56.2591, 66.3985

Protanopia

54.4337, 56.0782, 66.3477

Deuteranopia

57.2635, 56.2013, 66.8613



Tritanopia

54.9123, 56.2391, 70.2484

Trichromacy



Original Color

54.1328, 56.2591, 66.3985

Protanomaly

54.1692, 55.9419, 66.3354

Deuteranomaly

56.2864, 56.3540, 66.9423

Tritanomaly

54.6615, 56.1388, 68.9277

Monochromacy



Original Color

54.1328, 56.2591, 66.3985

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.0254, 56.6110, 63.3379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1328, 56.2591, 66.3985 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(197, 197, 206) looks like.

```
.text, #text, p{  
    color:rgb(197, 197, 206)  
}
```

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(197, 197, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 197, 206) }
```

Border

The CSS property to change the border of an element to XYZ 54.1328, 56.2591, 66.3985 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(197, 197, 206) }
```


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

```
.border{ border-color:rgb(197, 197, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 197, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 197, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 197, 206);  
box-shadow:4px 4px 4px 4px rgb(197, 197,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1328, 56.2591, 66.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 197, 206) }
```

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

```
.background{ background-color: rgb(197,  
197, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor