

Converting Colors

XYZ(53.3550, 56.0934, 67.5327)

Have a look what the booklet for
XYZ(53.3550, 56.0934, 67.5327)
contains.

XYZ(53.3175, 56.1487, 67.7022)	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(53.3175, 56.1487,
67.7022)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C6D0
RGB	192, 198, 208
RGB Percent	75%, 78%, 82%
CMY	0.2471, 0.2235, 0.1843
CMYK	0.08, 0.05, 0.00, 0.18
HSL	217°, 15%, 78%
HSV	217°, 8%, 82%
XYZ	53.3175, 56.1487, 67.7022
YIQ	197.3460, -6.7860, 1.8380

Conversions

Conversions Part 2

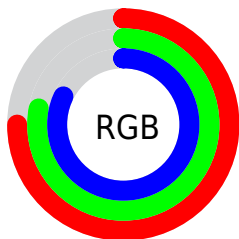
Format	Color
R_{YB}	192, 196, 208
Decimal	12633808
CIE Lab	79.70, -0.13, -5.71
CIE LCh	80, 5.708, 268.703
Yxy	56.1487, 0.3009, 0.3169
Android (android.graphics.Color)	4290823888 (0xFFC0C6D0)
YUV	197.3460, 5.2524, -4.6884
Hunter-Lab	74.9324, -4.1217, -1.1164

Details

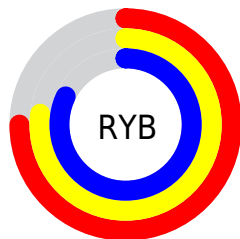
The XYZ color **53.3175, 56.1487, 67.7022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6477, 59.4564, 58.3608**, and the grayscale version is **53.2535, 56.0269, 61.0133**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **26.4535, 27.7686, 34.5375** is the 20% darker color. If you saturate the color by 10%, you get **45.5746, 47.9361, 66.5260**, and if you desaturate by 10%, it is **62.0630, 65.2596, 69.0007**.

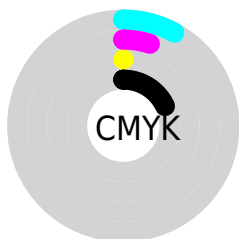
Distribution



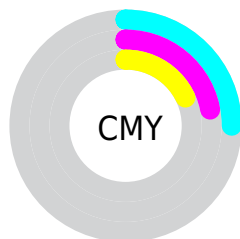
- Red (75%)
- Green (78%)
- Blue (82%)



- Red (75%)
- Yellow (77%)
- Blue (82%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (25%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3175, 56.1487, 67.7022 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 53.3175, 56.1487, 67.7022 by changing the saturation by 10% instead.

■ 53.3175, 56.1487,
67.7022

■ 53.3175, 56.1487,
67.7022

389.7430,
410.2516, 471.0095

■ 38.2848, 40.3222,
49.1903

■ 94.2342, 99.2220,
117.5762

■ 26.3820, 27.7898,
34.4038

120.8489,
127.2375, 149.7754

■ 17.2438, 18.1673,
22.9241

152.0549,
160.0847, 187.3741

■ 10.5049, 11.0702,
14.3327

188.2177,
198.1482, 230.7909

■ 5.7998, 6.1140,
8.2111

229.7025,
241.8122, 280.4443

■ 2.7632, 2.9145,
4.1406

276.8748,

■ 1.0298, 1.0873,

291.4612, 336.7529

1.7028

330.0998,
347.4796, 400.1351

■ 0.0000, 0.0000,
0.3626

■ 0.0000, 0.0000,
0.0000

■ 53.3175, 56.1487,
67.7022

■ 53.3175, 56.1487,
67.7022

■ 45.5746, 47.9361,
66.5260

■ 62.0630, 65.2596,
69.0007

■ 38.7918, 40.5859,
65.4647

■ 71.8414, 75.2891,
70.4212

■ 32.9310, 34.0701,
64.5160

■ 82.6880, 86.2655,
71.9682

■ 27.9494, 28.3565,
63.6757

■ 86.8078, 94.1790,
73.2785

■ 23.8006, 23.4102,
62.9396

■ 88.3853, 97.3341,
73.8044

■ 20.4336, 19.1939,
62.3032

■ 17.7911, 15.6660,
61.7616

■ 15.8069, 12.7800,
61.3091

■ 14.3907, 10.4756,
60.9389

Harmonies

Analogous

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



52.2249, 56.1487, 66.7204



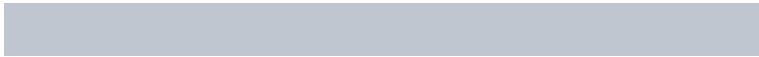
53.3175, 56.1487, 67.7022



54.4388, 56.1487, 66.8728

Triad

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



53.3175, 56.1487, 67.7022



55.3348, 56.1487, 58.1393



51.4967, 56.1487, 57.8989

Complementary

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



53.3175, 56.1487, 67.7022



56.6477, 59.4564, 58.3608

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.



52.3106, 56.1487, 55.7378



53.3175, 56.1487, 67.7022



54.5269, 56.1487, 55.8730

Square

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



53.3175, 56.1487, 67.7022



55.6135, 56.1487, 61.2802



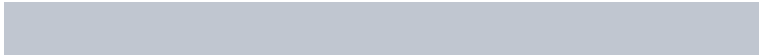
53.4178, 56.1487, 55.0094



51.1831, 56.1487, 60.9928

Rectangle

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



53.3175, 56.1487, 67.7022



55.0496, 56.1487, 65.4206



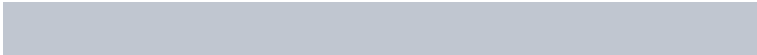
53.4178, 56.1487, 55.0094



51.7203, 56.1487, 57.0435

Sweetspot

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



53.3191, 56.1511, 67.7034



92.1904, 97.0292, 108.4773



54.9400, 60.5772, 64.5923



19.7625, 20.7994, 23.2230



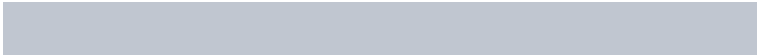
0.0000, 0.0000, 0.0000



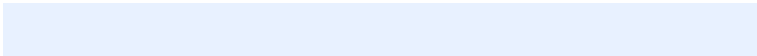
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3191, 56.1511, 67.7034



82.6998, 87.0939, 107.0598



52.4497, 53.7061, 67.2773



11.5219, 12.1340, 14.9785



8.8813, 6.4092, 37.9615



0.5720, 0.5091, 2.1477

Inverse Universe

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



55.0564, 55.1876, 61.1793



85.9372, 85.3320, 94.8947



57.5619, 62.0594, 58.8150



11.9896, 11.8806, 13.2209



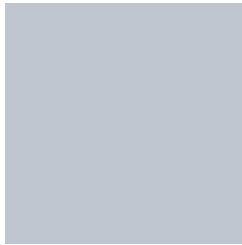
17.1136, 8.7183, 5.5044



0.9949, 0.5027, 0.5081

Previews

White Background



This preview shows how the XYZ color 53.3175, 56.1487, 67.7022 looks on a white background.

Color Contrast Check

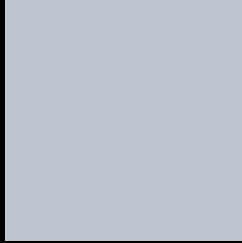
Large Text (above 18pt) WCAG AA × Fail

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 53.3175, 56.1487, 67.7022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

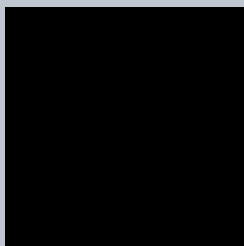
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

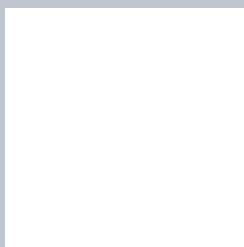
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3175, 56.1487, 67.7022

Background



This preview shows how black text looks on a background with the XYZ color 53.3175, 56.1487, 67.7022.

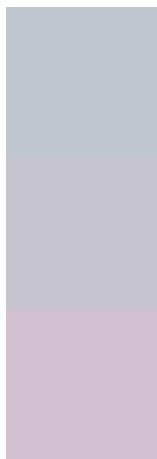


This preview shows how white text looks on a background with the XYZ color 53.3175, 56.1487,

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

53.3175, 56.1487, 67.7022

Protanopia

54.2911, 55.9906, 66.9773

Deuteranopia

57.2222, 56.1516, 68.1440



Tritanopia

53.9688, 56.0741, 70.9297

Trichromacy



Original Color

53.3175, 56.1487, 67.7022

Protanomaly

53.9937, 56.1733, 67.0282

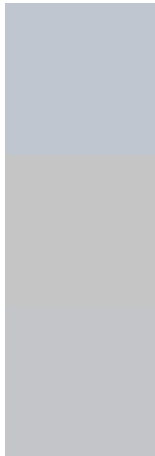
Deuteranomaly

55.7022, 56.0244, 68.1996

Tritanomaly

53.7164, 55.9731, 69.6007

Monochromacy



Original Color

53.3175, 56.1487, 67.7022

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.0145, 55.7517, 63.2253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3175, 56.1487, 67.7022 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(192, 198, 208)` looks like.

```
.text, #text, p{  
    color:rgb(192, 198, 208)  
}
```

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(192, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 198, 208) }
```

Border

The CSS property to change the border of an element to XYZ 53.3175, 56.1487, 67.7022 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(192, 198, 208) }
```


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

```
.border{ border-color:rgb(192, 198, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 198, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 198, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 198, 208);  
box-shadow:4px 4px 4px 4px rgb(192, 198,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3175, 56.1487, 67.7022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 198, 208) }
```

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

```
.background{ background-color: rgb(192,  
198, 208) }
```

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