

Converting Colors

XYZ(53.1520, 56.7607, 67.1860)

Have a look what the booklet for
XYZ(53.1520, 56.7607, 67.1860)
contains.

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Color

**XYZ(53.1520, 56.7607,
67.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC8CF
RGB	190, 200, 207
RGB Percent	75%, 78%, 81%
CMY	0.2549, 0.2157, 0.1882
CMYK	0.08, 0.03, 0.00, 0.19
HSL	205°, 15%, 78%
HSV	205°, 8%, 81%
XYZ	53.1520, 56.7607, 67.1860
YIQ	197.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

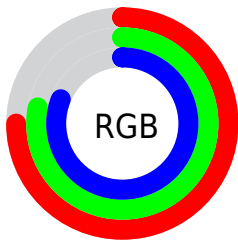
Format	Color
R_{YB}	190, 196, 207
Decimal	12503247
CIE Lab	80.04, -2.05, -4.67
CIE LCh	80, 5.104, 246.325
Yxy	56.7607, 0.3001, 0.3205
Android (android.graphics.Color)	4290693327 (0xFFBEC8CF)
YUV	197.8080, 4.5317, -6.8476
Hunter-Lab	75.3397, -5.9131, -0.1355

Details

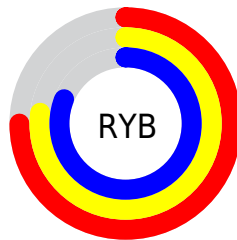
The XYZ color **53.1520, 56.7607, 67.1860** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9929, 56.9153, 56.8036**, and the grayscale version is **53.5382, 56.3264, 61.3394**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **26.3452, 28.1760, 34.1870** is the 20% darker color. If you saturate the color by 10%, you get **46.4263, 50.4468, 66.3227**, and if you desaturate by 10%, it is **60.7253, 63.6779, 68.1229**.

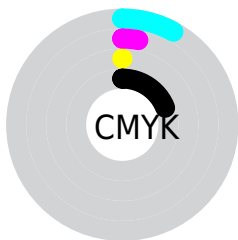
Distribution



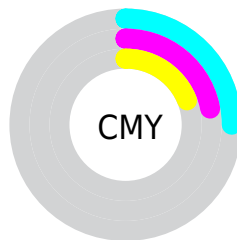
- Red (75%)
- Green (78%)
- Blue (81%)



- Red (75%)
- Yellow (77%)
- Blue (81%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



- Cyan (25%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1520, 56.7607, 67.1860 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 53.1520, 56.7607, 67.1860 by changing the saturation by 10% instead.

■ 53.1520, 56.7607,
67.1860

■ 53.1520, 56.7607,
67.1860

389.1193,
412.5520, 469.1261

■ 38.1521, 40.8131,
48.7733

■ 93.9922, 100.1159,
116.8301

■ 26.2785, 28.1731,
34.0753

120.5632,
128.2924, 148.8985

■ 17.1659, 18.4562,
22.6736

151.7220,
161.3140, 186.3558

■ 10.4489, 11.2780,
14.1497

187.8338,
199.5650, 229.6207

■ 5.7621, 6.2541,
8.0849

229.2641,
243.4300, 279.1116

■ 2.7403, 3.0002,
4.0608

276.3782,

■ 1.0179, 1.1319,

293.2932, 335.2471

1.6587

329.5415,
349.5391, 398.4458

■ 0.0000, 0.0050,
0.3322

■ 0.0000, 0.0000,
0.0000

■ 53.1520, 56.7607,
67.1860

■ 53.1520, 56.7607,
67.1860

■ 46.4263, 50.4468,
66.3227

■ 60.7253, 63.6779,
68.1229

■ 40.5107, 44.7095,
65.5270

■ 69.1719, 71.2097,
69.1315

■ 35.3720, 39.5307,
64.7983

■ 78.5227, 79.3758,
70.2148

■ 30.9728, 34.8883,
64.1341

■ 81.9496, 84.6589,
71.0540

■ 27.2722, 30.7584,
63.5319

■ 84.4350, 89.6298,
71.8825

■ 24.2252, 27.1147,
62.9892

■ 87.0388, 94.8373,
72.7504

■ 21.7807, 23.9281,
62.5030

■ 88.2627, 97.2851,
73.1583

■ 19.8791, 21.1646,
62.0698

■ 18.4322, 18.7755,
61.6849

Harmonies

Analogous

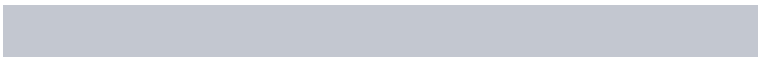
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.3575, 56.7607, 65.2504



53.1520, 56.7607, 67.1860



54.1695, 56.7607, 67.6589

Triad

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



53.1520, 56.7607, 67.1860



55.9571, 56.7607, 61.1753



52.7759, 56.7607, 57.3117

Complementary

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



53.1520, 56.7607, 67.1860



54.9929, 56.9153, 56.8036

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.



53.7298, 56.7607, 56.2947



53.1520, 56.7607, 67.1860



55.5731, 56.7607, 58.4788

Square

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



53.1520, 56.7607, 67.1860



55.7977, 56.7607, 64.1261



54.7546, 56.7607, 56.7150



52.1423, 56.7607, 59.5362

Rectangle

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



53.1520, 56.7607, 67.1860



54.8391, 56.7607, 67.0680



54.7546, 56.7607, 56.7150



53.0692, 56.7607, 56.8206

Sweetspot

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



53.1536, 56.7631, 67.1873



92.5325, 97.7135, 108.5914



53.6042, 59.5958, 61.3822



19.8322, 20.9388, 23.2463



0.0000, 0.0000, 0.0000



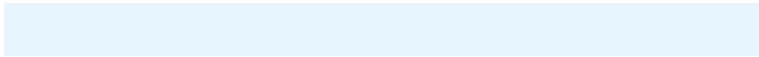
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1536, 56.7631, 67.1873



83.0256, 88.9657, 107.4039



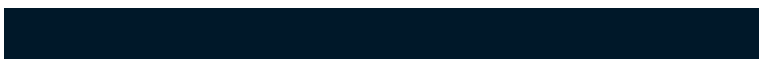
51.2825, 53.0209, 66.5636



11.7335, 12.5572, 15.0490



11.5605, 11.7675, 38.8546



0.7235, 0.8123, 2.1982

Inverse Universe

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



54.5722, 54.2637, 62.2440



85.8037, 84.1381, 97.7080



56.9305, 60.7904, 57.4494



12.0964, 11.9233, 13.7832



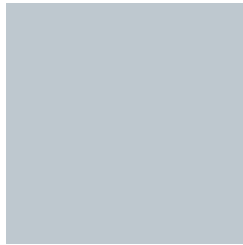
18.4659, 9.2592, 12.6256



1.0714, 0.5333, 0.9110

Previews

White Background



This preview shows how the XYZ color 53.1520, 56.7607, 67.1860 looks on a white background.

Color Contrast Check

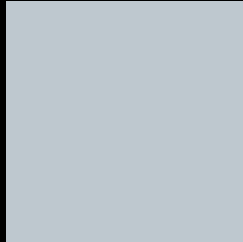
Large Text (above 18pt) WCAG AA × Fail

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 53.1520, 56.7607, 67.1860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

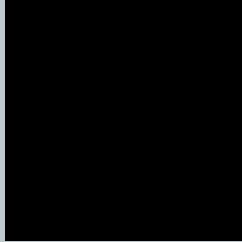
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

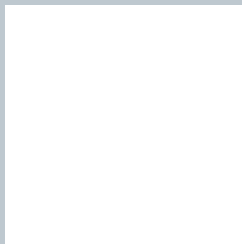
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1520, 56.7607, 67.1860

Background



This preview shows how black text looks on a background with the XYZ color 53.1520, 56.7607, 67.1860.



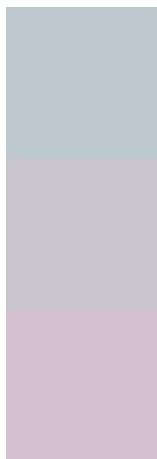
This preview shows how white text looks on a background with the XYZ color 53.1520, 56.7607,

67.1860.

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

53.1520, 56.7607, 67.1860

Protanopia

54.8051, 56.6196, 65.7978

Deuteranopia

57.7988, 56.4489, 68.1710



Tritanopia

54.1750, 56.8295, 72.4038

Trichromacy



Original Color

53.1520, 56.7607, 67.1860

Protanomaly

54.0996, 56.5802, 66.4622

Deuteranomaly

56.0771, 56.5634, 67.6368

Tritanomaly

53.7929, 56.6767, 70.3919

Monochromacy



Original Color

53.1520, 56.7607, 67.1860

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4717, 56.6660, 63.3777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1520, 56.7607, 67.1860 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(190, 200, 207)` looks like.

```
.text, #text, p{  
    color:rgb(190, 200, 207)  
}
```

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(190, 200, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 200, 207) }
```

Border

The CSS property to change the border of an element to XYZ 53.1520, 56.7607, 67.1860 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(190, 200, 207) }
```


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

```
.border{ border-color:rgb(190, 200, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 200, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 200, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 200, 207); box-shadow:4px 4px 4px 4px rgb(190, 200, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1520, 56.7607, 67.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 200, 207) }
```

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

```
.background{ background-color: rgb(190,  
200, 207) }
```

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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