

Converting Colors

XYZ(54.3627, 56.2688, 71.5780)

Have a look what the booklet for
XYZ(54.3627, 56.2688, 71.5780)
contains.

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Color

**XYZ(54.3520, 56.2569,
71.6123)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C5D6
RGB	194, 197, 214
RGB Percent	76%, 77%, 84%
CMY	0.2392, 0.2274, 0.1608
CMYK	0.09, 0.08, 0.00, 0.16
HSL	231°, 20%, 80%
HSV	231°, 9%, 84%
XYZ	54.3520, 56.2569, 71.6123
YIQ	198.0410, -7.2450, 4.6510

Conversions

Conversions Part 2

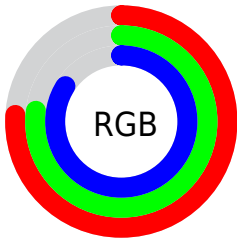
Format	Color
RYB	194, 197, 214
Decimal	12764630
CIELab	79.76, 2.26, -8.83
CIELCh	80, 9.110, 284.337
Yxy	56.2569, 0.2983, 0.3087
Android (android.graphics.Color)	4290954710 (0xFFC2C5D6)
YUV	198.0410, 7.8678, -3.5440
Hunter-Lab	75.0046, -1.9082, -4.1052

Details

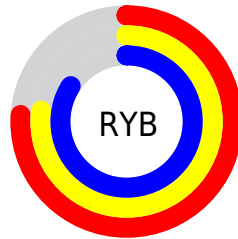
The XYZ color **54.3520, 56.2569, 71.6123** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7636, 64.7792, 60.3411**, and the grayscale version is **53.6597, 56.4541, 61.4786**.

A 20% lighter version of the original color is **93.2755, 98.6129, 108.7258**, and **26.8957, 27.7236, 36.7345** is the 20% darker color. If you saturate the color by 10%, you get **45.3669, 45.8611, 70.0801**, and if you desaturate by 10%, it is **64.6296, 68.0617, 73.3500**.

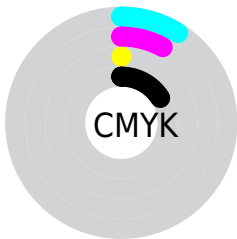
Distribution



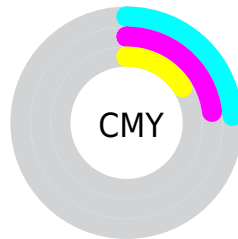
- Red (76%)
- Green (77%)
- Blue (84%)



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



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3520, 56.2569, 71.6123 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 54.3520, 56.2569, 71.6123 by changing the saturation by 10% instead.

■ 54.3520, 56.2569,
71.6123

■ 54.3520, 56.2569,
71.6123

393.6274,
410.6589, 485.1322

■ 39.1149, 40.4089,
52.3571

■ 95.7448, 99.3801,
123.2077

■ 27.0303, 27.8575,
36.9056

122.6312,
127.4241, 156.3851

■ 17.7327, 18.2183,
24.8392

154.1314,
160.3023, 195.0403

■ 10.8568, 11.1068,
15.7394

190.6108,
198.3990, 239.5918

■ 6.0372, 6.1387,
9.1876

232.4347,
242.0986, 290.4582

■ 2.9086, 2.9296,
4.7652

279.9686,

■ 1.1056, 1.0951,

291.7855, 348.0581

2.0539

333.5777,
347.8442, 412.8099

■ 0.0298, 0.0000,
0.5881

■ 0.0000, 0.0000,
0.0000

■ 54.3520, 56.2569,
71.6123

■ 54.3520, 56.2569,
71.6123

■ 45.3669, 45.8611,
70.0801

■ 64.6296, 68.0617,
73.3500

■ 37.6181, 36.8145,
68.7424

■ 76.2430, 81.3181,
75.2967

■ 31.0524, 29.0634,
67.5923

■ 88.0520, 95.4635,
77.4046

■ 25.6108, 22.5481,
66.6215

■ 89.1378, 97.6351,
77.7666

■ 21.2295, 17.2037,
65.8209

■ 17.8378, 12.9597,
65.1805

■ 15.3563, 9.7373,
64.6893

■ 13.6927, 7.4472,
64.3349

■ 12.7081, 5.9698,
64.1017

Harmonies

Analogous

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



52.5204, 56.2569, 71.5450



54.3520, 56.2569, 71.6123



55.9832, 56.2569, 68.7962

Triad

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



54.3520, 56.2569, 71.6123



56.0429, 56.2569, 54.4377



50.1335, 56.2569, 58.5574

Complementary

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



54.3520, 56.2569, 71.6123



60.7636, 64.7792, 60.3411

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.



51.0342, 56.2569, 54.2846



54.3520, 56.2569, 71.6123



54.4320, 56.2569, 52.0008

Square

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



54.3520, 56.2569, 71.6123



56.9745, 56.2569, 58.7775



52.5986, 56.2569, 51.9464



50.1132, 56.2569, 63.7995

Rectangle

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



54.3520, 56.2569, 71.6123



56.7256, 56.2569, 65.7511



52.5986, 56.2569, 51.9464



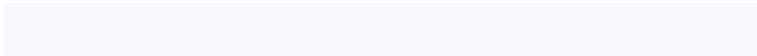
50.3424, 56.2569, 56.9672

Sweetspot

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



54.3537, 56.2593, 71.6135



90.2522, 94.4997, 108.0912



58.0118, 64.2499, 70.7539



19.0498, 19.9193, 23.0907



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.



54.3537, 56.2593, 71.6135



78.3339, 80.7850, 106.0722



55.4283, 55.8111, 71.4704



11.8916, 12.3066, 15.6862



7.6981, 3.6580, 38.7535



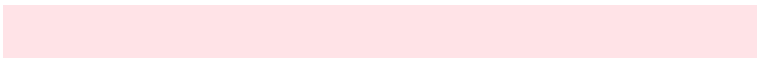
0.5131, 0.3183, 2.3537

Inverse Universe

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



57.1027, 56.9121, 60.8016



83.1420, 81.9495, 87.1567



59.6105, 65.3026, 60.5029



12.4985, 12.4509, 13.2993



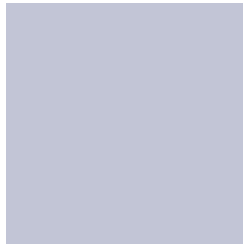
16.9445, 8.7141, 1.7459



1.0467, 0.5355, 0.2351

Previews

White Background



This preview shows how the XYZ color 54.3520, 56.2569, 71.6123 looks on a white background.

Color Contrast Check

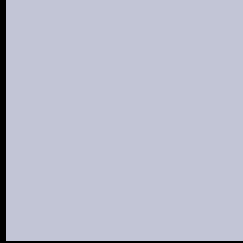
Large Text (above 18pt) WCAG AA × Fail

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 54.3520, 56.2569, 71.6123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

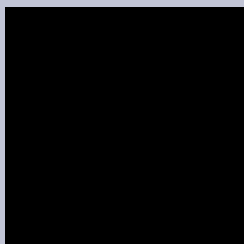
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

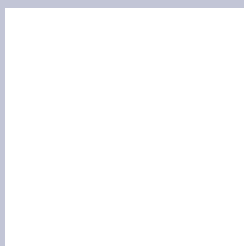
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3520, 56.2569, 71.6123

Background



This preview shows how black text looks on a background with the XYZ color 54.3520, 56.2569, 71.6123.



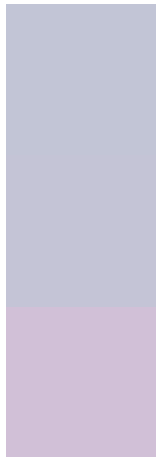
This preview shows how white text looks on a background with the XYZ color 54.3520, 56.2569,

71.6123.

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

54.3520, 56.2569, 71.6123

Protanopia

54.6425, 56.0707, 71.5611

Deuteranopia

57.4099, 56.1609, 72.1043



Tritanopia

54.2246, 56.2059, 70.9417

Trichromacy



Original Color

54.3520, 56.2569, 71.6123

Protanomaly

54.3832, 55.9370, 71.5489

Deuteranomaly

56.4594, 56.3272, 72.1865

Tritanomaly

54.2246, 56.2059, 70.9417

Monochromacy



Original Color

54.3520, 56.2569, 71.6123

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.1191, 56.6181, 65.2027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3520, 56.2569, 71.6123 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(194, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(194, 197, 214)  
}
```

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(194, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 197, 214) }
```

Border

The CSS property to change the border of an element to XYZ 54.3520, 56.2569, 71.6123 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(194, 197, 214) }
```


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

```
.border{ border-color:rgb(194, 197, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(194, 197,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3520, 56.2569, 71.6123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 197, 214) }
```

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

```
.background{ background-color: rgb(194,  
197, 214) }
```

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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