

Converting Colors

XYZ(52.1152, 56.3794, 71.0511)

Have a look what the booklet for
XYZ(52.1152, 56.3794, 71.0511)
contains.

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Color

**XYZ(52.1883, 56.5225,
71.1101)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C9D5
RGB	182, 201, 213
RGB Percent	71%, 79%, 84%
CMY	0.2863, 0.2117, 0.1647
CMYK	0.15, 0.06, 0.00, 0.16
HSL	203°, 27%, 77%
HSV	203°, 15%, 84%
XYZ	52.1883, 56.5225, 71.1101
YIQ	196.6870, -15.1760, -0.2960

Conversions

Conversions Part 2

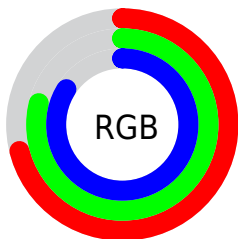
Format	Color
RYB	182, 194, 213
Decimal	11979221
CIELab	79.91, -3.97, -8.16
CIElCh	80, 9.076, 244.028
Yxy	56.5225, 0.2902, 0.3143
Android (android.graphics.Color)	4290169301 (0xFFB6C9D5)
YUV	196.6870, 8.0423, -12.8805
Hunter-Lab	75.1814, -7.6591, -3.4522

Details

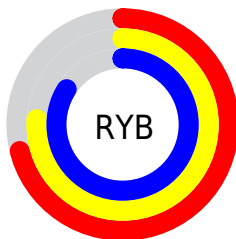
The XYZ color **52.1883, 56.5225, 71.1101** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1762, 56.1069, 52.1787**, and the grayscale version is **52.8432, 55.5952, 60.5431**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **25.6585, 28.0032, 36.4006** is the 20% darker color. If you saturate the color by 10%, you get **45.6655, 50.3847, 70.2701**, and if you desaturate by 10%, it is **59.5827, 63.2657, 72.0228**.

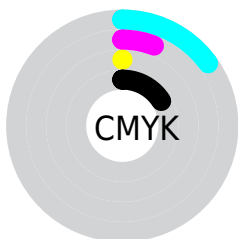
Distribution



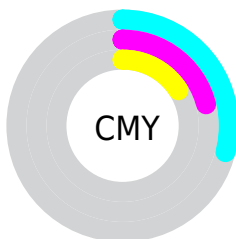
- Red (71%)
- Green (79%)
- Blue (84%)



- Red (71%)
- Yellow (76%)
- Blue (84%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1883, 56.5225, 71.1101 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 52.1883, 56.5225, 71.1101 by changing the saturation by 10% instead.

■ 52.1883, 56.5225,
71.1101

■ 52.1883, 56.5225,
71.1101

385.4752,
411.6576, 483.3323

■ 37.3801, 40.6220,
51.9497

■ 92.5815, 99.7681,
122.4864

■ 25.6769, 28.0238,
36.5830

118.8971,
127.8820, 155.5393

■ 16.7135, 18.3436,
24.5915

149.7793,
160.8358, 194.0602

■ 10.1245, 11.1970,
15.5568

185.5933,
199.0140, 238.4675

■ 5.5445, 6.1995,
9.0601

226.7045,
242.8008, 289.1799

■ 2.6081, 2.9668,
4.6831

273.4783,

■ 0.9501, 1.1144,

292.5808, 346.6157

2.0071

326.2801,
348.7383, 411.1937

■ 0.0000, 0.0000,
0.5596

■ 0.0000, 0.0000,
0.0000

■ 52.1883, 56.5225,
71.1101

■ 52.1883, 56.5225,
71.1101

■ 45.6655, 50.3847,
70.2701

■ 59.5827, 63.2657,
72.0228

■ 39.9734, 44.8243,
69.4968

■ 67.8775, 70.6271,
73.0065

■ 35.0747, 39.8213,
68.7893

■ 77.1064, 78.6276,
74.0644

■ 30.9275, 35.3515,
68.1452

■ 82.6668, 84.8970,
74.9814

■ 27.4855, 31.3885,
67.5616

■ 85.0683, 89.6999,
75.7819

■ 24.6971, 27.9030,
67.0358

■ 87.5804, 94.7241,
76.6193

■ 22.5022, 24.8615,
66.5644

■ 89.0104, 97.5842,
77.0960

■ 20.8286, 22.2237,
66.1435

■ 20.0689, 20.9211,
65.9321

Harmonies

Analogous

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



50.8436, 56.5225, 67.3899



52.1883, 56.5225, 71.1101



53.9719, 56.5225, 72.2150

Triad

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



52.1883, 56.5225, 71.1101



57.3303, 56.5225, 60.8343



51.7672, 56.5225, 53.5216

Complementary

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



52.1883, 56.5225, 71.1101



55.1762, 56.1069, 52.1787

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.



53.4748, 56.5225, 51.9785



52.1883, 56.5225, 71.1101



56.7090, 56.5225, 56.0452

Square

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



52.1883, 56.5225, 71.1101



56.9670, 56.5225, 66.0885



55.2874, 56.5225, 52.8757



50.6044, 56.5225, 57.2116

Rectangle

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



52.1883, 56.5225, 71.1101



55.1766, 56.5225, 71.2702



55.2874, 56.5225, 52.8757



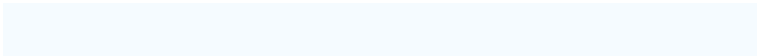
52.2951, 56.5225, 52.7445

Sweetspot

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



52.1900, 56.5248, 71.1114



90.1500, 95.6237, 108.3135



52.8112, 61.4244, 60.0439



19.1039, 20.2949, 23.1604



0.0000, 0.0000, 0.0000



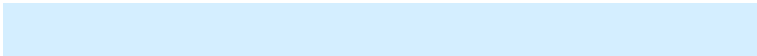
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1900, 56.5248, 71.1114



75.7402, 82.4443, 106.5291



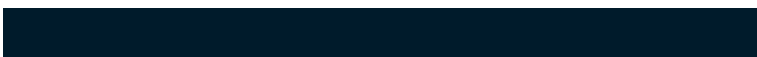
48.7809, 49.7068, 69.9750



12.3699, 13.2632, 15.8456



12.3605, 12.9828, 40.3076



0.8247, 0.9414, 2.4576

Inverse Universe

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



54.7125, 51.8203, 62.3797



80.1615, 74.3583, 91.1887



58.7796, 63.3138, 53.3798



12.7399, 12.5475, 14.5706



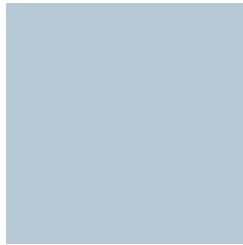
19.2979, 9.6555, 14.1386



1.2039, 0.5984, 1.0633

Previews

White Background



This preview shows how the XYZ color 52.1883, 56.5225, 71.1101 looks on a white background.

Color Contrast Check

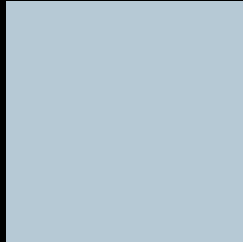
Large Text (above 18pt) WCAG AA × Fail

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 52.1883, 56.5225, 71.1101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

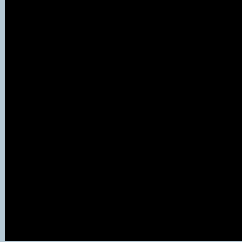
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

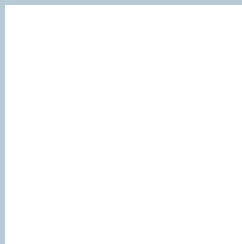
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1883, 56.5225, 71.1101

Background



This preview shows how black text looks on a background with the XYZ color 52.1883, 56.5225, 71.1101.

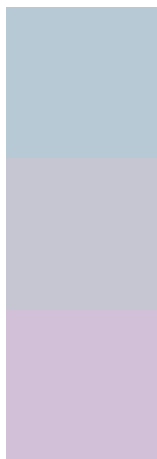


This preview shows how white text looks on a background with the XYZ color 52.1883, 56.5225,

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

52.1883, 56.5225, 71.1101

Protanopia

54.8878, 56.5914, 69.0031

Deuteranopia

57.4099, 56.1609, 72.1043



Tritanopia

52.5774, 56.3337, 73.0681

Trichromacy



Original Color

52.1883, 56.5225, 71.1101

Protanomaly

53.6902, 56.2978, 69.6648

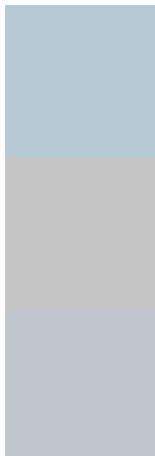
Deuteranomaly

55.2059, 56.0274, 71.5230

Tritanomaly

52.4485, 56.2821, 72.3892

Monochromacy



Original Color

52.1883, 56.5225, 71.1101

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.7118, 55.9064, 64.5127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1883, 56.5225, 71.1101 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(182, 201, 213)` looks like.

```
.text, #text, p{  
    color:rgb(182, 201, 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(182, 201, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 201, 213) }
```

Border

The CSS property to change the border of an element to XYZ 52.1883, 56.5225, 71.1101 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(182, 201, 213) }
```


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

```
.border{ border-color:rgb(182, 201, 213) }
```

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

Here you see how a box with a 4 pixel rgb(182, 201, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 201, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 201, 213);  
box-shadow:4px 4px 4px 4px rgb(182, 201,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1883, 56.5225, 71.1101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 201, 213) }
```

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

```
.background{ background-color: rgb(182,  
201, 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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