

Converting Colors

XYZ(50.6201, 53.6515, 69.7449)

Have a look what the booklet for
XYZ(50.6201, 53.6515, 69.7449)
contains.

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Color

**XYZ(50.6902, 53.7288,
69.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C3D4
RGB	182, 195, 212
RGB Percent	71%, 76%, 83%
CMY	0.2863, 0.2353, 0.1686
CMYK	0.14, 0.08, 0.00, 0.17
HSL	214°, 26%, 77%
HSV	214°, 14%, 83%
XYZ	50.6902, 53.7288, 69.9864
YIQ	193.0510, -13.2050, 2.5310

Conversions

Conversions Part 2

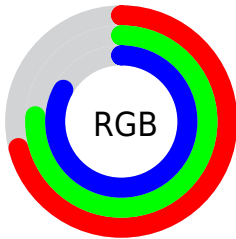
Format	Color
R_{YB}	182, 191, 212
Decimal	11977684
CIE _{Lab}	78.30, -1.00, -10.01
CIE _{LCh}	78, 10.061, 264.274
Yxy	53.7288, 0.2906, 0.3081
Android (android.graphics.Color)	4290167764 (0xFFB6C3D4)
YUV	193.0510, 9.3419, -9.6917
Hunter-Lab	73.2999, -4.8341, -5.2998

Details

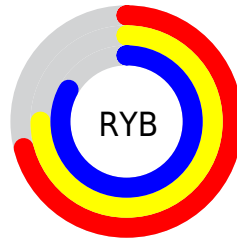
The XYZ color **50.6902, 53.7288, 69.9864** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0186, 58.2211, 52.5424**, and the grayscale version is **50.6722, 53.3112, 58.0558**.

A 20% lighter version of the original color is **88.1203, 95.0180, 108.3036**, and **24.6639, 26.1512, 35.6460** is the 20% darker color. If you saturate the color by 10%, you get **43.4739, 46.1741, 68.9094**, and if you desaturate by 10%, it is **58.8842, 62.1118, 71.1735**.

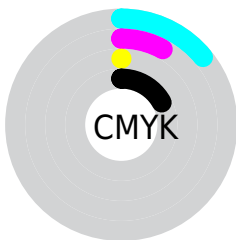
Distribution



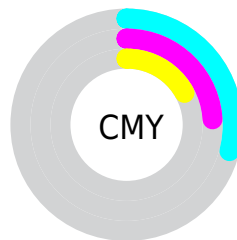
- Red (71%)
- Green (76%)
- Blue (83%)



- Red (71%)
- Yellow (75%)
- Blue (83%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (29%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6902, 53.7288, 69.9864 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 50.6902, 53.7288, 69.9864 by changing the saturation by 10% instead.

■ 50.6902, 53.7288,
69.9864

■ 50.6902, 53.7288,
69.9864

379.7665,
401.0750, 479.2901

■ 36.1822, 38.3849,
51.0387

■ 90.3824, 95.6759,
120.8703

■ 24.7457, 26.2815,
35.8625

116.2972,
123.0479, 153.6436

■ 16.0154, 17.0344,
24.0391

146.7451,
155.1981, 191.8625

■ 9.6260, 10.2590,
15.1502

182.0913,
192.5108, 235.9455

■ 5.2120, 5.5710,
8.7771

222.7011,
235.3705, 286.3113

■ 2.4082, 2.5860,
4.5012

268.9401,

■ 0.8492, 0.9197,

284.1614, 343.3783

1.9042

321.1734,
339.2682, 407.5650

■ 0.0000, 0.0000,
0.4954

■ 0.0000, 0.0000,
0.0000

■ 50.6902, 53.7288,
69.9864

■ 50.6902, 53.7288,
69.9864

■ 43.4739, 46.1741,
68.9094

■ 58.8842, 62.1118,
71.1735

■ 37.1914, 39.4132,
67.9355

■ 68.0878, 71.3425,
72.4701

■ 31.8026, 33.4191,
67.0626

■ 78.3374, 81.4482,
73.8805

■ 27.2623, 28.1605,
66.2869

■ 85.1895, 90.1449,
75.1980

■ 23.5210, 23.6032,
65.6044

■ 88.8838, 97.5335,
76.4294

■ 20.5234, 19.7100,
65.0109

■ 18.2066, 16.4391,
64.5017

■ 16.4946, 13.7417,
64.0713

■ 15.7011, 12.3881,
63.8518

Harmonies

Analogous

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



48.8852, 53.7288, 67.7682



50.6902, 53.7288, 69.9864



52.6424, 53.7288, 68.9704

Triad

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



50.6902, 53.7288, 69.9864



54.6030, 53.7288, 54.1496



48.0506, 53.7288, 52.3866

Complementary

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



50.6902, 53.7288, 69.9864



56.0186, 58.2211, 52.5424

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.



49.5245, 53.7288, 49.1495



50.6902, 53.7288, 69.9864



53.3140, 53.7288, 50.1206

Square

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



50.6902, 53.7288, 69.9864



54.9344, 53.7288, 59.5918



51.4469, 53.7288, 48.3473



47.3867, 53.7288, 57.4247

Rectangle

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



50.6902, 53.7288, 69.9864



53.7608, 53.7288, 66.6271



51.4469, 53.7288, 48.3473



48.4659, 53.7288, 51.0650

Sweetspot

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



50.6918, 53.7310, 69.9876



89.5804, 94.4845, 108.1237



53.0867, 61.1334, 62.7319



18.9598, 20.0066, 23.1123



0.0000, 0.0000, 0.0000



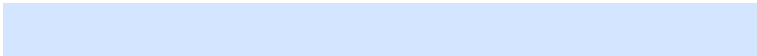
20.3446, 21.4041, 23.3091

Same Dimension

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



50.6918, 53.7310, 69.9876



73.5197, 78.0033, 105.7890



48.2603, 48.3392, 69.0750



12.1809, 12.8852, 15.7826



9.7885, 7.8388, 39.4503



0.6718, 0.6356, 2.4066

Inverse Universe

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



53.7309, 51.3943, 58.7205



79.0407, 73.9100, 85.2866



58.7088, 64.2404, 53.5624



12.6445, 12.5093, 14.0682



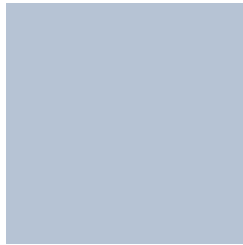
17.9997, 9.1362, 7.3022



1.1267, 0.5675, 0.6568

Previews

White Background



This preview shows how the XYZ color 50.6902, 53.7288, 69.9864 looks on a white background.

Color Contrast Check

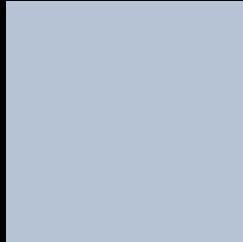
Large Text (above 18pt) WCAG AA × Fail

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 50.6902, 53.7288, 69.9864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

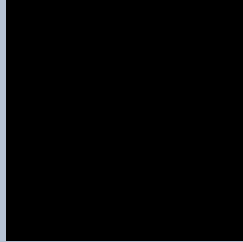
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

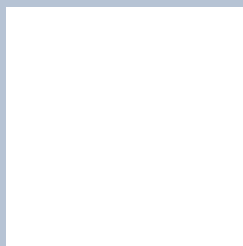
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6902, 53.7288, 69.9864

Background



This preview shows how black text looks on a background with the XYZ color 50.6902, 53.7288, 69.9864.

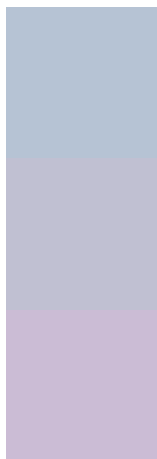


This preview shows how white text looks on a background with the XYZ color 50.6902, 53.7288,

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

50.6902, 53.7288, 69.9864

Protanopia

52.2207, 53.5589, 68.5583

Deuteranopia

54.6221, 53.4670, 70.3921



Tritanopia

50.5644, 53.6784, 69.3240

Trichromacy



Original Color

50.6902, 53.7288, 69.9864

Protanomaly

51.5669, 53.5344, 69.2433

Deuteranomaly

53.1467, 53.6678, 70.5086

Tritanomaly

50.5644, 53.6784, 69.3240

Monochromacy



Original Color

50.6902, 53.7288, 69.9864

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.7034, 53.5725, 62.3118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6902, 53.7288, 69.9864 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, 195, 212)` looks like.

```
.text, #text, p{  
    color:rgb(182, 195, 212)  
}
```

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, 195, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 195, 212) }
```

Border

The CSS property to change the border of an element to XYZ 50.6902, 53.7288, 69.9864 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, 195, 212) }
```


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

```
.border{ border-color:rgb(182, 195, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 195, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 195, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 195, 212);  
box-shadow:4px 4px 4px 4px rgb(182, 195,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6902, 53.7288, 69.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 195, 212) }
```

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

```
.background{ background-color: rgb(182,  
195, 212) }
```

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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