

Converting Colors

XYZ(52.7296, 58.2797, 71.1489)

Have a look what the booklet for
XYZ(52.7296, 58.2797, 71.1489)
contains.

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Color

**XYZ(52.6640, 58.1700,
71.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	B4CDD5
RGB	180, 205, 213
RGB Percent	71%, 80%, 84%
CMY	0.2941, 0.1961, 0.1647
CMYK	0.15, 0.04, 0.00, 0.16
HSL	195°, 28%, 77%
HSV	195°, 15%, 84%
XYZ	52.6640, 58.1700, 71.4030
YIQ	198.4370, -17.4680, -2.8120

Conversions

Conversions Part 2

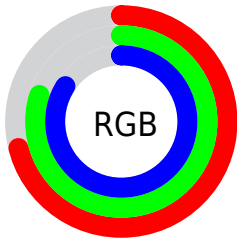
Format	Color
RYB	180, 194, 213
Decimal	11849173
CIELab	80.83, -6.71, -6.81
CIElCh	81, 9.559, 225.395
Yxy	58.1700, 0.2890, 0.3192
Android (android.graphics.Color)	4290039253 (0xFFB4CDD5)
YUV	198.4370, 7.1796, -16.1692
Hunter-Lab	76.2693, -10.2168, -2.1186

Details

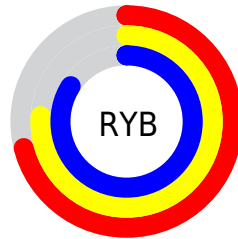
The XYZ color **52.6640, 58.1700, 71.4030** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6626, 53.4080, 50.6618**, and the grayscale version is **53.9090, 56.7165, 61.7643**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **25.9906, 29.1139, 36.5974** is the 20% darker color. If you saturate the color by 10%, you get **46.8673, 53.3802, 70.7849**, and if you desaturate by 10%, it is **59.2669, 63.4390, 72.0729**.

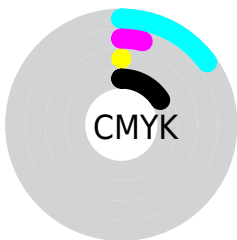
Distribution



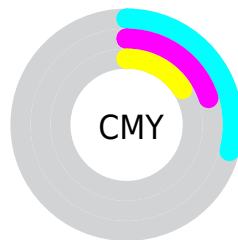
- Red (71%)
- Green (80%)
- Blue (84%)



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



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6640, 58.1700, 71.4030 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 52.6640, 58.1700, 71.4030 by changing the saturation by 10% instead.

■ 52.6640, 58.1700,
71.4030

■ 52.6640, 58.1700,
71.4030

387.2767,
417.8191, 484.3826

■ 37.7610, 41.9453,
52.1873

■ 93.2782, 102.1704,
122.9072

■ 25.9736, 29.0585,
36.7711

119.7201,
130.7149, 156.0327

■ 16.9365, 19.1251,
24.7359

150.7391,
164.1348, 194.6320

■ 10.2842, 11.7607,
15.6632

186.7004,
202.8145, 239.1235

■ 5.6515, 6.5809,
9.1344

227.9695,
247.1384, 289.9257

■ 2.6730, 3.2014,
4.7309

274.9117,

■ 0.9833, 1.2378,

297.4908, 347.4573

2.0343

327.8923,
354.2563, 412.1367

■ 0.0000, 0.0922,
0.5763

■ 0.0000, 0.0000,
0.0000

■ 52.6640, 58.1700,
71.4030

■ 52.6640, 58.1700,
71.4030

■ 46.8673, 53.3802,
70.7849

■ 59.2669, 63.4390,
72.0729

■ 41.8365, 49.0436,
70.2130

■ 66.7037, 69.1973,
72.7924

■ 37.5357, 45.1427,
69.6868

■ 75.0070, 75.4640,
73.5644

■ 33.9237, 41.6556,
69.2041

■ 80.3523, 80.2679,
74.2099

■ 30.9553, 38.5584,
68.7627

■ 81.7744, 83.1121,
74.6839

■ 28.5793, 35.8241,
68.3601

■ 83.2390, 86.0414,
75.1722

■ 26.7363, 33.4216,
67.9935

■ 84.7466, 89.0566,
75.6747

■ 25.3539, 31.3127,
67.6593

■ 86.2976, 92.1585,
76.1917

■ 24.8220, 30.4274,
67.5165

■ 87.8922, 95.3477,
76.7232

Harmonies

Analogous

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



51.7067, 58.1700, 66.2696



52.6640, 58.1700, 71.4030



54.3365, 58.1700, 74.4591

Triad

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



52.6640, 58.1700, 71.4030



59.0469, 58.1700, 66.1202



54.2865, 58.1700, 53.4167

Complementary

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



52.6640, 58.1700, 71.4030



53.6626, 53.4080, 50.6618

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.



56.2522, 58.1700, 53.3820



52.6640, 58.1700, 71.4030



59.0327, 58.1700, 60.4927

Square

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



52.6640, 58.1700, 71.4030



58.0378, 58.1700, 71.2881



57.9995, 58.1700, 55.9030



52.6281, 58.1700, 56.0007

Rectangle

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



52.6640, 58.1700, 71.4030



55.6468, 58.1700, 74.7975



57.9995, 58.1700, 55.9030



54.9324, 58.1700, 53.1118

Sweetspot

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



52.6657, 58.1724, 71.4043



89.5360, 95.7059, 108.3618



51.6626, 60.9108, 56.4429



19.0041, 20.3591, 23.1780



0.0000, 0.0000, 0.0000



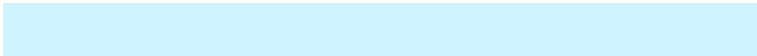
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6657, 58.1724, 71.4043



75.7845, 84.6766, 106.9577



48.9884, 50.8179, 70.1786



12.5254, 13.5741, 15.8974



15.2454, 18.7526, 41.2693



0.9820, 1.2561, 2.5100

Inverse Universe

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



54.7827, 51.1978, 64.7551



79.6607, 72.1546, 94.7274



57.3203, 60.7234, 51.8810



12.8184, 12.5788, 14.9838



20.7540, 10.2379, 21.8066



1.2833, 0.6301, 1.4814

Previews

White Background



This preview shows how the XYZ color 52.6640, 58.1700, 71.4030 looks on a white background.

Color Contrast Check

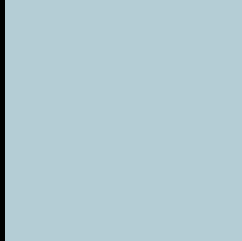
Large Text (above 18pt) WCAG AA × Fail

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 52.6640, 58.1700, 71.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

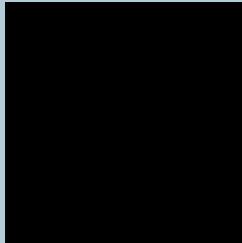
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

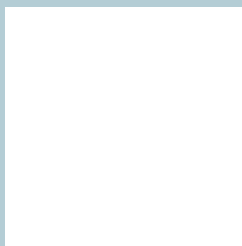
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6640, 58.1700, 71.4030

Background



This preview shows how black text looks on a background with the XYZ color 52.6640, 58.1700, 71.4030.



This preview shows how white text looks on a background with the XYZ color 52.6640, 58.1700,

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

52.6640, 58.1700, 71.4030

Protanopia

56.0194, 57.8678, 68.5387

Deuteranopia

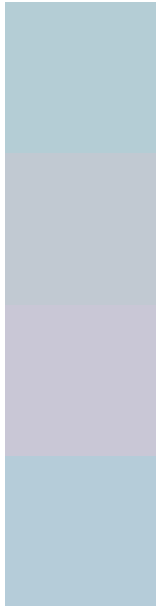
59.2214, 58.0826, 72.3797



Tritanopia

53.5672, 58.1768, 76.1161

Trichromacy



Original Color

52.6640, 58.1700, 71.4030

Protanomaly

54.5118, 57.7639, 69.2492

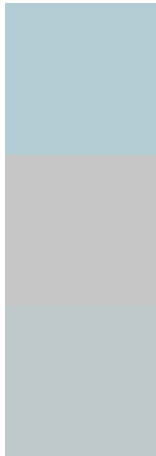
Deuteranomaly

56.6484, 58.1194, 71.8508

Tritanomaly

53.1733, 58.0192, 74.0419

Monochromacy



Original Color

52.6640, 58.1700, 71.4030

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.1520, 57.1615, 64.7318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6640, 58.1700, 71.4030 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(180, 205, 213)` looks like.

```
.text, #text, p{  
    color:rgb(180, 205, 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(180, 205, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 205, 213) }
```

Border

The CSS property to change the border of an element to XYZ 52.6640, 58.1700, 71.4030 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(180, 205, 213) }
```


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

```
.border{ border-color:rgb(180, 205, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 205, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 205, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 205, 213);  
box-shadow:4px 4px 4px 4px rgb(180, 205,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6640, 58.1700, 71.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 205, 213) }
```

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

```
.background{ background-color: rgb(180,  
205, 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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