

Converting Colors

XYZ(52.9645, 57.5296, 75.3306)

Have a look what the booklet for
XYZ(52.9645, 57.5296, 75.3306)
contains.

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Color

**XYZ(52.9645, 57.5296,
75.3306)**

Conversions

Conversions Part 1

Format	Color
Hex	B4CBDB
RGB	180, 203, 219
RGB Percent	71%, 80%, 86%
CMY	0.2941, 0.2039, 0.1412
CMYK	0.18, 0.07, 0.00, 0.14
HSL	205°, 35%, 78%
HSV	205°, 18%, 86%
XYZ	52.9645, 57.5296, 75.3306
YIQ	197.9470, -18.8440, 0.1000

Conversions

Conversions Part 2

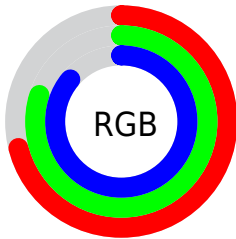
Format	Color
RYB	180, 194, 219
Decimal	11848667
CIELab	80.48, -4.40, -10.55
CIElCh	80, 11.429, 247.381
Yxy	57.5296, 0.2850, 0.3096
Android (android.graphics.Color)	4290038747 (0xFFB4CBDB)
YUV	197.9470, 10.3791, -15.7395
Hunter-Lab	75.8483, -8.0887, -5.7916

Details

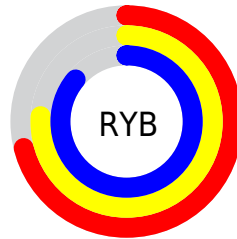
The XYZ color **52.9645, 57.5296, 75.3306** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1921, 57.8353, 51.3302**, and the grayscale version is **53.5928, 56.3838, 61.4020**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **26.2007, 28.6873, 39.2782** is the 20% darker color. If you saturate the color by 10%, you get **46.2035, 50.9869, 74.4250**, and if you desaturate by 10%, it is **60.6574, 64.7382, 76.3175**.

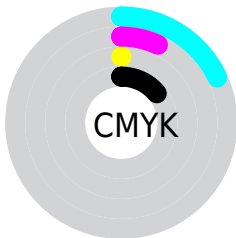
Distribution



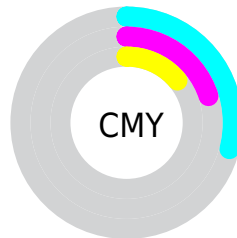
- Red (71%)
- Green (80%)
- Blue (86%)



- Red (71%)
- Yellow (76%)
- Blue (86%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9645, 57.5296, 75.3306 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 52.9645, 57.5296, 75.3306 by changing the saturation by 10% instead.

■ 52.9645, 57.5296,
75.3306

■ 52.9645, 57.5296,
75.3306

388.4120,
415.4308, 498.3388

■ 38.0018, 41.4306,
55.3804

■ 93.7180, 101.2375,
128.5316

■ 26.1613, 28.6557,
39.3057

120.2394,
129.6152, 162.6196

■ 17.0777, 18.8205,
26.6880

151.3445,
162.8546, 202.2571

■ 10.3855, 11.5407,
17.1087

187.3986,
201.3401, 247.8629

■ 5.7195, 6.4317,
10.1492

228.7671,
245.4561, 299.8554

■ 2.7143, 3.1093,
5.3911

275.8152,

■ 1.0046, 1.1891,

295.5869, 358.6532

2.4158

328.9084,
352.1171, 424.6748

■ 0.0000, 0.0528,
0.7950

■ 0.0000, 0.0000,
0.0000

■ 52.9645, 57.5296,
75.3306

■ 52.9645, 57.5296,
75.3306

■ 46.2035, 50.9869,
74.4250

■ 60.6574, 64.7382,
76.3175

■ 40.3294, 45.0794,
73.5943

■ 69.3144, 72.6278,
77.3840

■ 35.3011, 39.7842,
72.8373

■ 78.9722, 81.2217,
78.5338

■ 31.0720, 35.0741,
72.1510

■ 84.8745, 88.0709,
79.5447

■ 27.5903, 30.9190,
71.5325

■ 87.5694, 93.4606,
80.4430

■ 24.7978, 27.2856,
70.9784

■ 89.7864, 97.8945,
81.1820

■ 22.6263, 24.1351,
70.4847

■ 20.9813, 21.4152,
70.0464

■ 20.6588, 20.8595,
69.9562

Harmonies

Analogous

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



51.1754, 57.5296, 70.8105



52.9645, 57.5296, 75.3306



55.2614, 57.5296, 76.3371

Triad

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



52.9645, 57.5296, 75.3306



59.2742, 57.5296, 60.9957



51.9884, 57.5296, 52.9300

Complementary

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



52.9645, 57.5296, 75.3306



57.1921, 57.8353, 51.3302

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.



54.1030, 57.5296, 50.6878



52.9645, 57.5296, 75.3306



58.3414, 57.5296, 55.1234

Square

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



52.9645, 57.5296, 75.3306



58.9483, 57.5296, 67.7382



56.4325, 57.5296, 51.4612



50.6232, 57.5296, 57.8042

Rectangle

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



52.9645, 57.5296, 75.3306



56.7800, 57.5296, 74.8189



56.4325, 57.5296, 51.4612



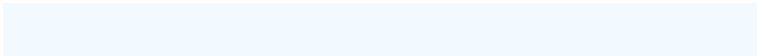
52.6328, 57.5296, 51.8600

Sweetspot

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



52.9662, 57.5320, 75.3319



88.8680, 94.3699, 108.1391



54.0733, 64.3347, 61.5552



18.8415, 20.0339, 23.1238



0.0000, 0.0000, 0.0000



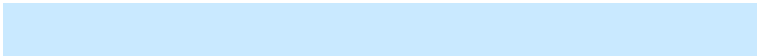
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9662, 57.5320, 75.3319



71.4071, 77.9971, 105.8991



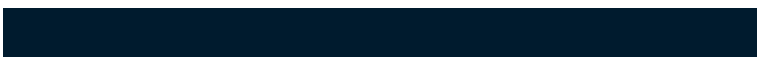
48.7295, 49.0585, 73.9196



12.9738, 13.8873, 16.6489



12.3598, 12.5890, 41.5169



0.8848, 0.9836, 2.7177

Inverse Universe

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



56.3155, 52.0157, 63.5744



76.9446, 69.1286, 86.4041



61.7785, 67.0082, 52.8591



13.3766, 13.1798, 15.2446



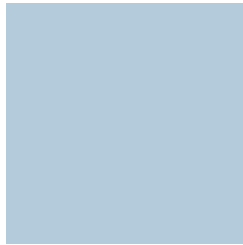
19.7340, 9.8946, 13.5111



1.3209, 0.6580, 1.0987

Previews

White Background



This preview shows how the XYZ color 52.9645, 57.5296, 75.3306 looks on a white background.

Color Contrast Check

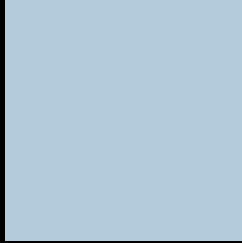
Large Text (above 18pt) WCAG AA × Fail

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 52.9645, 57.5296, 75.3306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

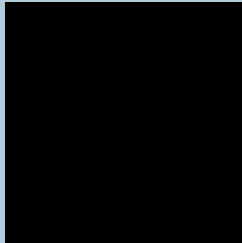
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

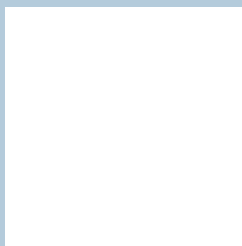
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9645, 57.5296, 75.3306

Background



This preview shows how black text looks on a background with the XYZ color 52.9645, 57.5296, 75.3306.



This preview shows how white text looks on a background with the XYZ color 52.9645, 57.5296,

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

52.9645, 57.5296, 75.3306

Protanopia

55.8775, 57.3518, 73.0907

Deuteranopia

58.6374, 57.3593, 76.3875



Tritanopia

52.9645, 57.5296, 75.3306

Trichromacy



Original Color

52.9645, 57.5296, 75.3306

Protanomaly

54.6645, 57.3947, 73.8428

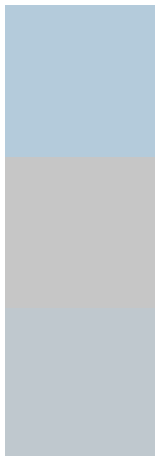
Deuteranomaly

56.1732, 57.1056, 75.7720

Tritanomaly

52.9645, 57.5296, 75.3306

Monochromacy



Original Color

52.9645, 57.5296, 75.3306

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2807, 56.8412, 66.5558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9645, 57.5296, 75.3306 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, 203, 219)` looks like.

```
.text, #text, p{  
    color:rgb(180, 203, 219)  
}
```

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, 203, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 203, 219) }
```

Border

The CSS property to change the border of an element to XYZ 52.9645, 57.5296, 75.3306 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, 203, 219) }
```


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

```
.border{ border-color:rgb(180, 203, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 203, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(180, 203,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9645, 57.5296, 75.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 203, 219) }
```

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

```
.background{ background-color: rgb(180,  
203, 219) }
```

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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