

Converting Colors

XYZ(52.0971, 57.6828, 73.6208)

Have a look what the booklet for
XYZ(52.0971, 57.6828, 73.6208)
contains.

XYZ(52.1305, 57.8506, 73.3845)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.1305, 57.8506,
73.3845)**

Conversions

Conversions Part 1

Format	Color
Hex	B0CDD8
RGB	176, 205, 216
RGB Percent	69%, 80%, 85%
CMY	0.3098, 0.1961, 0.1529
CMYK	0.19, 0.05, 0.00, 0.15
HSL	196°, 34%, 77%
HSV	196°, 19%, 85%
XYZ	52.1305, 57.8506, 73.3845
YIQ	197.5830, -20.8150, -2.7270

Conversions

Conversions Part 2

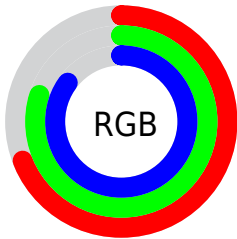
Format	Color
RYB	176, 193, 216
Decimal	11587032
CIELab	80.66, -7.34, -8.70
CIELCh	81, 11.385, 229.867
Yxy	57.8506, 0.2843, 0.3155
Android (android.graphics.Color)	4289777112 (0xFFB0CDD8)
YUV	197.5830, 9.0796, -18.9283
Hunter-Lab	76.0596, -10.7621, -3.9630

Details

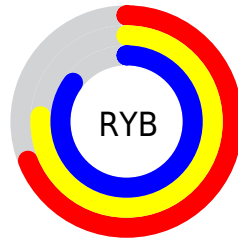
The XYZ color **52.1305, 57.8506, 73.3845** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.9263, 53.2743, 48.5163**, and the grayscale version is **53.3806, 56.1606, 61.1589**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **25.6680, 28.9174, 37.9470** is the 20% darker color. If you saturate the color by 10%, you get **46.2365, 52.7445, 72.7105**, and if you desaturate by 10%, it is **58.8590, 63.4699, 74.1154**.

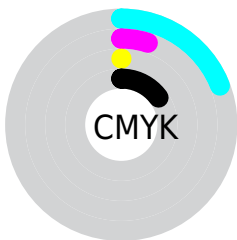
Distribution



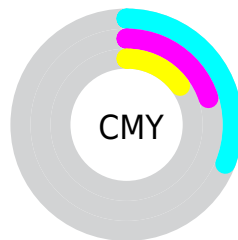
- Red (69%)
- Green (80%)
- Blue (85%)



- Red (69%)
- Yellow (76%)
- Blue (85%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (31%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1305, 57.8506, 73.3845 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 52.1305, 57.8506, 73.3845 by changing the saturation by 10% instead.

■ 52.1305, 57.8506,
73.3845

■ 52.1305, 57.8506,
73.3845

385.2559,
416.6290, 491.4528

■ 37.3338, 41.6886,
53.7967

■ 92.4968, 101.7053,
125.7489

■ 25.6409, 28.8575,
38.0471

118.7970,
130.1667, 159.3625

■ 16.6865, 18.9730,
25.7171

149.6625,
163.4967, 198.4885

■ 10.1051, 11.6508,
16.3883

185.4586,
202.0796, 243.5454

■ 5.5315, 6.5064,
9.6420

226.5506,
246.2999, 294.9518

■ 2.6003, 3.1554,
5.0598

273.3039,

■ 0.9461, 1.2134,

296.5420, 353.1261

2.2230

326.0839,
353.1902, 418.4869

■ 0.0000, 0.0726,
0.6876

■ 0.0000, 0.0000,
0.0000

■ 52.1305, 57.8506,
73.3845

■ 52.1305, 57.8506,
73.3845

■ 46.2365, 52.7445,
72.7105

■ 58.8590, 63.4699,
74.1154

■ 41.1345, 48.1244,
72.0876

■ 66.4516, 69.6141,
74.9012

■ 36.7861, 43.9711,
71.5152

■ 74.9429, 76.3034,
75.7448

■ 33.1473, 40.2610,
70.9908

■ 81.5875, 82.1232,
76.5180

■ 30.1694, 36.9680,
70.5122

■ 83.2567, 85.4616,
77.0744

■ 27.7970, 34.0628,
70.0764

■ 84.9826, 88.9134,
77.6497

■ 25.9652, 31.5107,
69.6804

■ 86.7658, 92.4798,
78.2441

■ 24.5758, 29.2603,
69.3192

■ 88.6068, 96.1618,
78.8577

■ 24.3867, 28.9417,
69.2677

■ 89.3949, 97.7379,
79.1204

Harmonies

Analogous

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



50.8537, 57.8506, 67.4794



52.1305, 57.8506, 73.3845



54.1960, 57.8506, 76.5722

Triad

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



52.1305, 57.8506, 73.3845



59.5433, 57.8506, 65.2883



53.4675, 57.8506, 51.6110

Complementary

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



52.1305, 57.8506, 73.3845



53.9263, 53.2743, 48.5163

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.



55.7822, 57.8506, 51.1162



52.1305, 57.8506, 73.3845



59.3348, 57.8506, 58.7032

Square

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



52.1305, 57.8506, 73.3845



58.5043, 57.8506, 71.6828



57.9424, 57.8506, 53.6256



51.6103, 57.8506, 55.0290

Rectangle

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



52.1305, 57.8506, 73.3845



55.7613, 57.8506, 76.5841



57.9424, 57.8506, 53.6256



54.2164, 57.8506, 51.1071

Sweetspot

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



52.1322, 57.8530, 73.3858



88.3161, 94.5582, 108.2045



51.3955, 61.9165, 56.0703



18.7525, 20.1162, 23.1444



0.0000, 0.0000, 0.0000



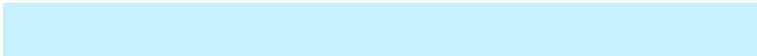
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1322, 57.8530, 73.3858



72.6121, 81.4193, 106.4962



47.7191, 49.0268, 71.9148



12.4901, 13.5036, 15.8857



14.5286, 17.3191, 41.0303



0.9438, 1.1797, 2.4973

Inverse Universe

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



54.8651, 50.0587, 64.5309



77.3057, 68.3269, 91.2222



58.3886, 62.1989, 50.0037



12.8006, 12.5717, 14.8901



20.3922, 10.0932, 19.9014



1.2640, 0.6224, 1.3799

Previews

White Background



This preview shows how the XYZ color 52.1305, 57.8506, 73.3845 looks on a white background.

Color Contrast Check

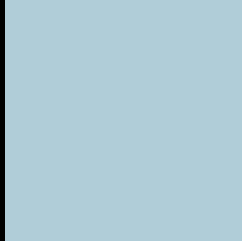
Large Text (above 18pt) WCAG AA × Fail

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 52.1305, 57.8506, 73.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

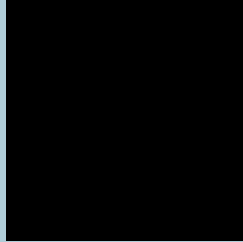
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1305, 57.8506, 73.3845

Background



This preview shows how black text looks on a background with the XYZ color 52.1305, 57.8506, 73.3845.

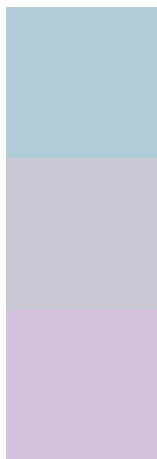


This preview shows how white text looks on a background with the XYZ color 52.1305, 57.8506,

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

52.1305, 57.8506, 73.3845

Protanopia

56.1265, 57.8797, 70.5011

Deuteranopia

58.8106, 57.4944, 74.3275



Tritanopia

52.7755, 57.7533, 76.7726

Trichromacy



Original Color

52.1305, 57.8506, 73.3845

Protanomaly

54.3827, 57.6538, 71.2128

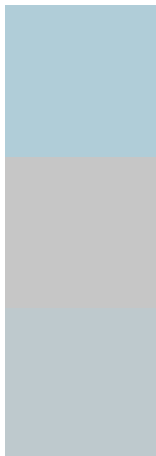
Deuteranomaly

56.0072, 57.4037, 73.7738

Tritanomaly

52.5105, 57.6473, 75.3773

Monochromacy



Original Color

52.1305, 57.8506, 73.3845

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.1413, 57.1282, 65.9836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1305, 57.8506, 73.3845 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(176, 205, 216) looks like.

```
.text, #text, p{  
    color:rgb(176, 205, 216)  
}
```

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(176, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 205, 216) }
```

Border

The CSS property to change the border of an element to XYZ 52.1305, 57.8506, 73.3845 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(176, 205, 216) }
```


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

```
.border{ border-color:rgb(176, 205, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 205, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(176, 205,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1305, 57.8506, 73.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 205, 216) }
```

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

```
.background{ background-color: rgb(176,  
205, 216) }
```

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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