

Converting Colors

XYZ(52.1078, 56.8024, 73.6938)

Have a look what the booklet for
XYZ(52.1078, 56.8024, 73.6938)
contains.

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Color

**XYZ(52.2353, 56.8345,
73.8627)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CAD9
RGB	179, 202, 217
RGB Percent	70%, 79%, 85%
CMY	0.2980, 0.2078, 0.1490
CMYK	0.18, 0.07, 0.00, 0.15
HSL	204°, 33%, 78%
HSV	204°, 18%, 85%
XYZ	52.2353, 56.8345, 73.8627
YIQ	196.8330, -18.5230, -0.2110

Conversions

Conversions Part 2

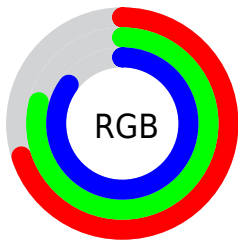
Format	Color
R_{YB}	179, 193, 217
Decimal	11782873
CIE Lab	80.09, -4.61, -10.07
CIE LCh	80, 11.072, 245.389
Yxy	56.8345, 0.2855, 0.3107
Android (android.graphics.Color)	4289972953 (0xFFB3CAD9)
YUV	196.8330, 9.9423, -15.6395
Hunter-Lab	75.3887, -8.2511, -5.3178

Details

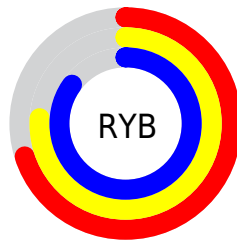
The XYZ color **52.2353, 56.8345, 73.8627** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0442, 56.5899, 50.6181**, and the grayscale version is **52.9215, 55.6775, 60.6328**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **25.7157, 28.2241, 38.2748** is the 20% darker color. If you saturate the color by 10%, you get **45.6555, 50.5431, 72.9960**, and if you desaturate by 10%, it is **59.7192, 63.7606, 74.8060**.

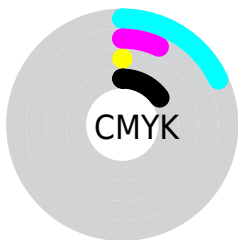
Distribution



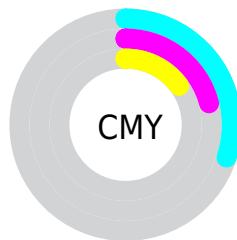
- Red (70%)
- Green (79%)
- Blue (85%)



- Red (70%)
- Yellow (76%)
- Blue (85%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (30%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2353, 56.8345, 73.8627 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 52.2353, 56.8345, 73.8627 by changing the saturation by 10% instead.

■ 52.2353, 56.8345,
73.8627

■ 52.2353, 56.8345,
73.8627

385.6534,
412.8289, 493.1501

■ 37.4177, 40.8724,
54.1856

■ 92.6503, 100.2237,
126.4334

■ 25.7062, 28.2194,
38.3559

118.9785,
128.4195, 160.1640

■ 16.7355, 18.4911,
25.9550

149.8742,
161.4620, 199.4163

■ 10.1402, 11.3031,
16.5645

185.7028,
199.7356, 244.6086

■ 5.5550, 6.2711,
9.7658

226.8296,
243.6247, 296.1596

■ 2.6145, 3.0106,
5.1404

273.6201,

■ 0.9534, 1.1373,

293.5137, 354.4879

2.2697

326.4396,
349.7870, 420.0118

■ 0.0000, 0.0096,
0.7142

■ 0.0000, 0.0000,
0.0000

■ 52.2353, 56.8345,
73.8627

■ 52.2353, 56.8345,
73.8627

■ 45.6555, 50.5431,
72.9960

■ 59.7192, 63.7606,
74.8060

■ 39.9363, 44.8567,
72.1999

■ 68.1384, 71.3355,
75.8244

■ 35.0376, 39.7535,
71.4731

■ 77.5286, 79.5817,
76.9212

■ 30.9143, 35.2074,
70.8129

■ 83.8354, 86.4115,
77.9070

■ 27.5162, 31.1897,
70.2165

■ 86.3644, 91.4694,
78.7500

■ 24.7869, 27.6683,
69.6807

■ 89.0132, 96.7671,
79.6330

■ 22.6602, 24.6062,
69.2017

■ 89.5246, 97.7898,
79.8034

■ 21.0469, 21.9541,
68.7748

■ 20.6890, 21.3387,
68.6749

Harmonies

Analogous

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



50.5640, 56.8345, 69.3503



52.2353, 56.8345, 73.8627



54.4274, 56.8345, 75.0758

Triad

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



52.2353, 56.8345, 73.8627



58.4485, 56.8345, 60.7251



51.5492, 56.8345, 52.3092

Complementary

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



52.2353, 56.8345, 73.8627



56.0442, 56.5899, 50.6181

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.



53.6136, 56.8345, 50.3342



52.2353, 56.8345, 73.8627



57.6289, 56.8345, 54.9721

Square

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



52.2353, 56.8345, 73.8627



58.0547, 56.8345, 67.1953



55.8438, 56.8345, 51.2743



50.1757, 56.8345, 56.8585

Rectangle

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



52.2353, 56.8345, 73.8627



55.8984, 56.8345, 73.7826



55.8438, 56.8345, 51.2743



52.1832, 56.8345, 51.3372

Sweetspot

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



52.2370, 56.8368, 73.8640



88.9295, 94.4928, 108.1596



53.0933, 63.0860, 60.1637



18.8564, 20.0638, 23.1288



0.0000, 0.0000, 0.0000



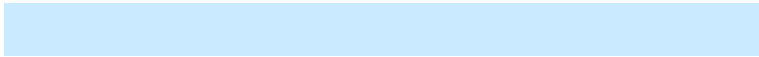
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2370, 56.8368, 73.8640



71.6431, 78.4690, 105.9778



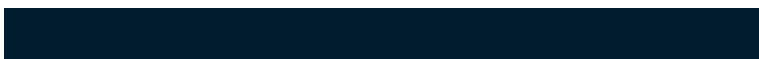
48.1389, 48.6406, 72.4979



12.9912, 13.9221, 16.6547



12.6296, 13.1286, 41.6068



0.9013, 1.0168, 2.7232

Inverse Universe

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



55.3974, 51.2574, 62.8537



77.0637, 69.1762, 87.0313



60.4383, 65.3782, 52.0828



13.3854, 13.1833, 15.2908



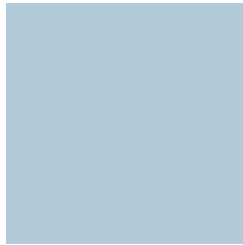
19.8701, 9.9491, 14.2281



1.3292, 0.6613, 1.1427

Previews

White Background



This preview shows how the XYZ color 52.2353, 56.8345, 73.8627 looks on a white background.

Color Contrast Check

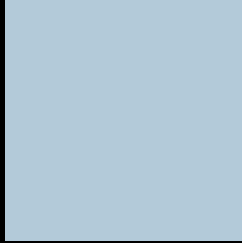
Large Text (above 18pt) WCAG AA × Fail

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 52.2353, 56.8345, 73.8627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

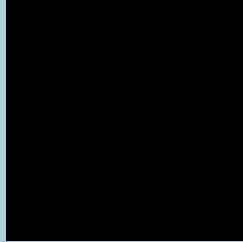
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

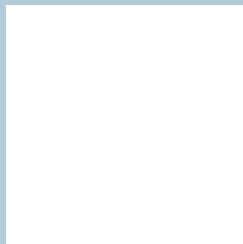
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2353, 56.8345, 73.8627

Background



This preview shows how black text looks on a background with the XYZ color 52.2353, 56.8345, 73.8627.



This preview shows how white text looks on a background with the XYZ color 52.2353, 56.8345,

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

52.2353, 56.8345, 73.8627

Protanopia

55.1298, 56.6579, 71.6487

Deuteranopia

57.8686, 56.6643, 74.9051



Tritanopia

52.3658, 56.8867, 74.5499

Trichromacy



Original Color

52.2353, 56.8345, 73.8627

Protanomaly

53.9244, 56.7003, 72.3921

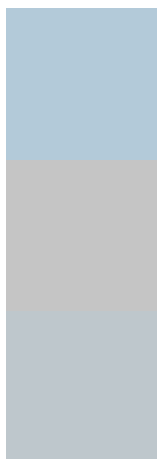
Deuteranomaly

55.4208, 56.4121, 74.2973

Tritanomaly

52.3658, 56.8867, 74.5499

Monochromacy



Original Color

52.2353, 56.8345, 73.8627

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.5577, 56.1536, 65.1954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2353, 56.8345, 73.8627 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(179, 202, 217)` looks like.

```
.text, #text, p{  
    color:rgb(179, 202, 217)  
}
```

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(179, 202, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 202, 217) }
```

Border

The CSS property to change the border of an element to XYZ 52.2353, 56.8345, 73.8627 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(179, 202, 217) }
```


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

```
.border{ border-color:rgb(179, 202, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 202, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 202, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 202, 217); box-shadow:4px 4px 4px 4px rgb(179, 202, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2353, 56.8345, 73.8627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 202, 217) }
```

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

```
.background{ background-color: rgb(179,  
202, 217) }
```

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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