

Converting Colors

XYZ(53.2913, 57.3995, 78.6938)

Have a look what the booklet for
XYZ(53.2913, 57.3995, 78.6938)
contains.

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Color

**XYZ(53.1655, 57.2066,
78.7609)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CAE0
RGB	179, 202, 224
RGB Percent	70%, 79%, 88%
CMY	0.2980, 0.2078, 0.1216
CMYK	0.20, 0.10, 0.00, 0.12
HSL	209°, 42%, 79%
HSV	209°, 20%, 88%
XYZ	53.1655, 57.2066, 78.7609
YIQ	197.6310, -20.7700, 1.9660

Conversions

Conversions Part 2

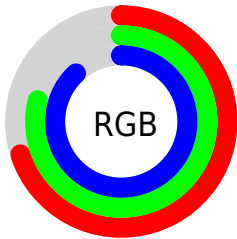
Format	Color
R _Y B	179, 194, 224
Decimal	11782880
CIE Lab	80.30, -3.10, -13.51
CIE LCh	80, 13.857, 257.090
Yxy	57.2066, 0.2811, 0.3025
Android (android.graphics.Color)	4289972960 (0xFFB3CAE0)
YUV	197.6310, 12.9999, -16.3394
Hunter-Lab	75.6350, -6.8898, -8.7958

Details

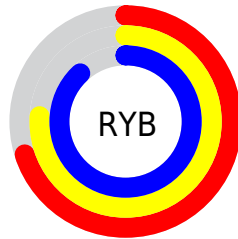
The XYZ color **53.1655, 57.2066, 78.7609** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7644, 60.8754, 51.2493**, and the grayscale version is **53.3867, 56.1670, 61.1658**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **26.3555, 28.4800, 41.6442** is the 20% darker color. If you saturate the color by 10%, you get **45.9245, 49.7953, 77.7130**, and if you desaturate by 10%, it is **61.4332, 65.4208, 79.9116**.

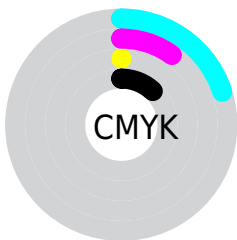
Distribution



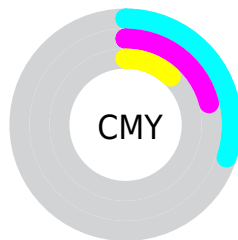
- Red (70%)
- Green (79%)
- Blue (88%)



- Red (70%)
- Yellow (76%)
- Blue (88%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (30%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1655, 57.2066, 78.7609 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 53.1655, 57.2066, 78.7609 by changing the saturation by 10% instead.

■ 53.1655, 57.2066,
78.7609

■ 53.1655, 57.2066,
78.7609

389.1702,
414.2230, 510.3433

■ 38.1629, 41.1711,
58.1791

■ 94.0119, 100.7666,
133.4178

■ 26.2869, 28.4528,
41.5370

120.5865,
129.0599, 168.3300

■ 17.1722, 18.6673,
28.4161

151.7491,
162.2079, 208.8561

■ 10.4534, 11.4301,
18.3978

187.8651,
200.5951, 255.4145

■ 5.7652, 6.3569,
11.0635

229.2999,
244.6058, 308.4239

■ 2.7421, 3.0633,
5.9949

276.4188,

■ 1.0189, 1.1649,

294.6244, 368.3029

2.7732

329.5871,
351.0354, 435.4698

■ 0.0000, 0.0327,
0.9800

■ 0.0000, 0.0000,
0.0000

■ 53.1655, 57.2066,
78.7609

■ 53.1655, 57.2066,
78.7609

■ 45.9245, 49.7953,
77.7130

■ 61.4332, 65.4208,
79.9116

■ 39.6608, 43.1515,
76.7607

■ 70.7640, 74.4575,
81.1641

■ 34.3283, 37.2470,
75.9021

■ 81.1986, 84.3447,
82.5225

■ 29.8750, 32.0491,
75.1335

■ 87.5910, 92.4344,
83.7471

■ 26.2429, 27.5218,
74.4511

■ 90.4547, 98.1619,
84.7016

■ 23.3665, 23.6249,
73.8505

■ 21.1686, 20.3118,
73.3268

■ 19.5287, 17.5299,
72.8763

Harmonies

Analogous

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



50.7490, 57.2066, 74.4241



53.1655, 57.2066, 78.7609



55.9893, 57.2066, 78.4171

Triad

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



53.1655, 57.2066, 78.7609



59.7464, 57.2066, 57.8163



50.4812, 57.2066, 52.2614

Complementary

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



53.1655, 57.2066, 78.7609



59.7644, 60.8754, 51.2493

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.



52.7884, 57.2066, 48.5381



53.1655, 57.2066, 78.7609



58.1659, 57.2066, 51.5490

Square

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



53.1655, 57.2066, 78.7609



59.8560, 57.2066, 65.8382



55.5990, 57.2066, 48.2892



49.2358, 57.2066, 58.8683

Rectangle

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



53.1655, 57.2066, 78.7609



57.7240, 57.2066, 75.5762



55.5990, 57.2066, 48.2892



51.1546, 57.2066, 50.6570

Sweetspot

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



53.1672, 57.2089, 78.7622



87.3037, 92.5333, 107.8671



55.7604, 67.1014, 65.1184



18.5130, 19.6373, 23.0646



0.0000, 0.0000, 0.0000



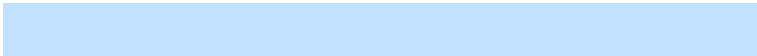
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1672, 57.2089, 78.7622



67.1945, 72.5583, 105.0714



48.3170, 47.5085, 77.1455



13.5284, 14.3960, 17.4534



11.4826, 10.4347, 42.4573



0.8855, 0.9024, 2.9728

Inverse Universe

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



57.5227, 52.3532, 62.9531



74.0893, 65.1954, 79.9727



65.3327, 72.0121, 53.1054



13.9982, 13.8169, 15.7606



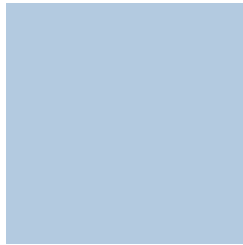
19.7361, 9.9614, 10.5418



1.4132, 0.7086, 0.9688

Previews

White Background



This preview shows how the XYZ color 53.1655, 57.2066, 78.7609 looks on a white background.

Color Contrast Check

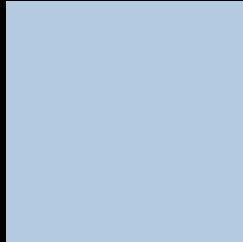
Large Text (above 18pt) WCAG AA × Fail

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 53.1655, 57.2066, 78.7609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

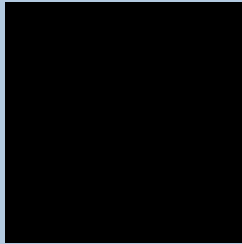
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

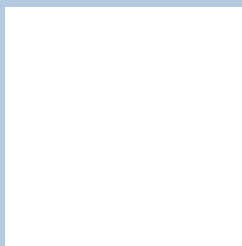
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1655, 57.2066, 78.7609

Background



This preview shows how black text looks on a background with the XYZ color 53.1655, 57.2066, 78.7609.



This preview shows how white text looks on a background with the XYZ color 53.1655, 57.2066,

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

53.1655, 57.2066, 78.7609

Protanopia

55.7823, 56.8887, 76.4472

Deuteranopia

58.4729, 57.1964, 79.9097



Tritanopia

52.5022, 57.2913, 75.3090

Trichromacy



Original Color

53.1655, 57.2066, 78.7609

Protanomaly

54.8434, 57.0679, 77.2319

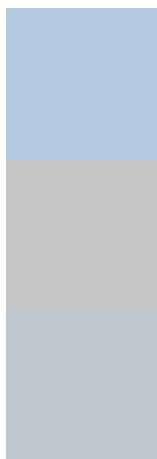
Deuteranomaly

56.3218, 57.1045, 79.2880

Tritanomaly

52.7672, 57.3973, 76.7043

Monochromacy



Original Color

53.1655, 57.2066, 78.7609

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.1718, 56.4282, 67.1208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1655, 57.2066, 78.7609 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(179, 202, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 202, 224) }
```

Border

The CSS property to change the border of an element to XYZ 53.1655, 57.2066, 78.7609 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, 224) }
```


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

```
.border{ border-color:rgb(179, 202, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(179, 202,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1655, 57.2066, 78.7609 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, 224) }
```

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

```
.background{ background-color: rgb(179,  
202, 224) }
```

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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