

Converting Colors

XYZ(53.5129, 57.6220, 79.0995)

Have a look what the booklet for
XYZ(53.5129, 57.6220, 79.0995)
contains.

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Color

**XYZ(53.6329, 57.7970,
78.8502)**

Conversions

Conversions Part 1

Format	Color
Hex	B4CBE0
RGB	180, 203, 224
RGB Percent	71%, 80%, 88%
CMY	0.2941, 0.2039, 0.1216
CMYK	0.20, 0.09, 0.00, 0.12
HSL	209°, 42%, 79%
HSV	209°, 20%, 88%
XYZ	53.6329, 57.7970, 78.8502
YIQ	198.5170, -20.4490, 1.6550

Conversions

Conversions Part 2

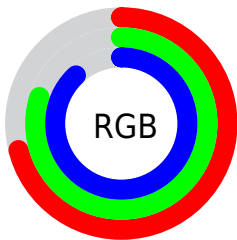
Format	Color
R _Y B	180, 195, 224
Decimal	11848672
CIE Lab	80.63, -3.32, -13.01
CIE LCh	81, 13.422, 255.699
Yxy	57.7970, 0.2819, 0.3037
Android (android.graphics.Color)	4290038752 (0xFFB4CBE0)
YUV	198.5170, 12.5631, -16.2394
Hunter-Lab	76.0243, -7.1162, -8.2768

Details

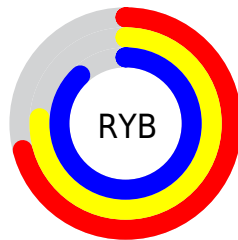
The XYZ color **53.6329, 57.7970, 78.8502** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8659, 60.9160, 51.7840**, and the grayscale version is **53.9273, 56.7358, 61.7852**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **26.6613, 28.8715, 41.7037** is the 20% darker color. If you saturate the color by 10%, you get **46.3959, 50.4483, 77.8141**, and if you desaturate by 10%, it is **61.8901, 65.9331, 79.9864**.

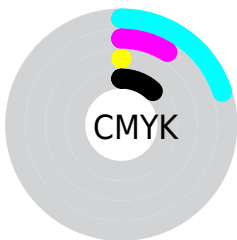
Distribution



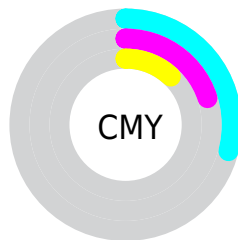
- Red (71%)
- Green (80%)
- Blue (88%)



- Red (71%)
- Yellow (76%)
- Blue (88%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (29%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6329, 57.7970, 78.8502 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 53.6329, 57.7970, 78.8502 by changing the saturation by 10% instead.

■ 53.6329, 57.7970,
78.8502

■ 53.6329, 57.7970,
78.8502

390.9298,
416.4291, 510.6536

■ 38.5378, 41.6455,
58.2521

■ 94.6951, 101.6272,
133.5447

■ 26.5794, 28.8238,
41.5953

121.3928,
130.0746, 168.4782

■ 17.3926, 18.9476,
28.4613

152.6888,
163.3895, 209.0271

■ 10.6118, 11.6324,
18.4316

188.9484,
201.9562, 255.6101

■ 5.8718, 6.4939,
11.0877

230.5369,
246.1591, 308.6458

■ 2.8072, 3.1477,
6.0109

277.8198,

■ 1.0526, 1.2093,

296.3826, 368.5525

2.7828

331.1623,
353.0112, 435.7490

■ 0.0000, 0.0693,
0.9848

■ 0.0000, 0.0000,
0.0000

■ 53.6329, 57.7970,
78.8502

■ 53.6329, 57.7970,
78.8502

■ 46.3959, 50.4483,
77.8141

■ 61.8901, 65.9331,
79.9864

■ 40.1302, 43.8519,
76.8711

■ 71.2035, 74.8756,
81.2216

■ 34.7900, 37.9807,
76.0193

■ 81.6135, 84.6518,
82.5599

■ 30.3237, 32.8025,
75.2552

■ 87.5786, 92.4096,
83.7429

■ 26.6743, 28.2819,
74.5750

■ 90.4547, 98.1619,
84.7016

■ 23.7767, 24.3799,
73.9746

■ 21.5548, 21.0507,
73.4491

■ 19.8828, 18.2232,
72.9915

■ 19.8281, 18.1286,
72.9761

Harmonies

Analogous

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



51.3080, 57.7970, 74.4563



53.6329, 57.7970, 78.8502



56.3839, 57.7970, 78.7386

Triad

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



53.6329, 57.7970, 78.8502



60.2073, 57.7970, 58.9045



51.2204, 57.7970, 52.8947

Complementary

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



53.6329, 57.7970, 78.8502



59.8659, 60.9160, 51.7840

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.



53.5097, 57.7970, 49.3949



53.6329, 57.7970, 78.8502



58.7276, 57.7970, 52.6612

Square

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



53.6329, 57.7970, 78.8502



60.2430, 57.7970, 66.7633



56.2566, 57.7970, 49.3132



49.9471, 57.7970, 59.2484

Rectangle

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



53.6329, 57.7970, 78.8502



58.0920, 57.7970, 76.1086



56.2566, 57.7970, 49.3132



51.8932, 57.7970, 51.3698

Sweetspot

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



53.6346, 57.7994, 78.8515



87.3582, 92.6424, 107.8852



55.9670, 67.2108, 64.9954



18.5259, 19.6631, 23.0689



0.0000, 0.0000, 0.0000



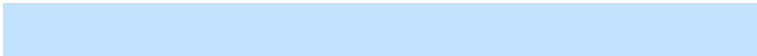
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6346, 57.7994, 78.8515



67.3873, 72.9437, 105.1356



48.8971, 48.3244, 77.2723



13.5420, 14.4231, 17.4579



11.6572, 10.7840, 42.5155



0.8975, 0.9265, 2.9768

Inverse Universe

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



57.8426, 52.8030, 63.6459



74.1865, 65.2343, 80.4849



65.2429, 71.6700, 53.5764



14.0050, 13.8196, 15.7967



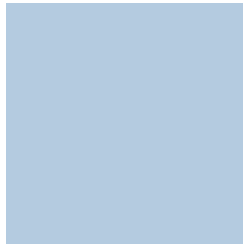
19.8242, 9.9967, 11.0061



1.4193, 0.7110, 1.0008

Previews

White Background



This preview shows how the XYZ color 53.6329, 57.7970, 78.8502 looks on a white background.

Color Contrast Check

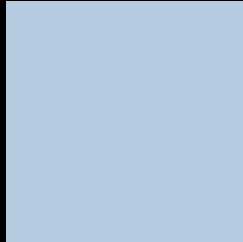
Large Text (above 18pt) WCAG AA × Fail

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 53.6329, 57.7970, 78.8502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

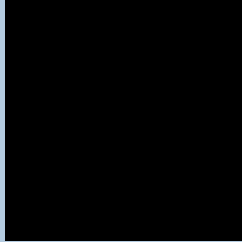
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

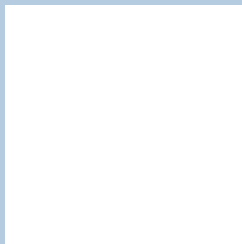
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6329, 57.7970, 78.8502

Background



This preview shows how black text looks on a background with the XYZ color 53.6329, 57.7970, 78.8502.



This preview shows how white text looks on a background with the XYZ color 53.6329, 57.7970,

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

53.6329, 57.7970, 78.8502

Protanopia

56.2712, 57.4789, 76.5353

Deuteranopia

58.9747, 57.7866, 79.9971



Tritanopia

53.1015, 57.9367, 76.0943

Trichromacy



Original Color

53.6329, 57.7970, 78.8502

Protanomaly

55.3250, 57.6588, 77.3206

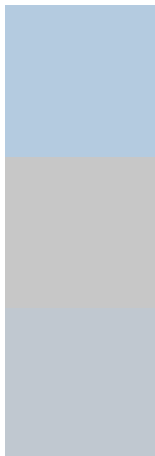
Deuteranomaly

56.8106, 57.6947, 79.3761

Tritanomaly

53.2344, 57.9899, 76.7940

Monochromacy



Original Color

53.6329, 57.7970, 78.8502

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.7777, 57.0691, 67.8556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6329, 57.7970, 78.8502 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(180, 203, 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(180, 203, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 203, 224) }
```

Border

The CSS property to change the border of an element to XYZ 53.6329, 57.7970, 78.8502 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, 224) }
```


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

```
.border{ border-color:rgb(180, 203, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 203, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 203, 224);  
box-shadow:4px 4px 4px 4px rgb(180, 203,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6329, 57.7970, 78.8502 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, 224) }
```

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

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