

Converting Colors

XYZ(53.3054, 56.2282, 79.2778)

Have a look what the booklet for
XYZ(53.3054, 56.2282, 79.2778)
contains.

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Color

**XYZ(53.3054, 56.2282,
79.2778)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C7E1
RGB	182, 199, 225
RGB Percent	71%, 78%, 88%
CMY	0.2863, 0.2196, 0.1176
CMYK	0.19, 0.12, 0.00, 0.12
HSL	216°, 42%, 80%
HSV	216°, 19%, 88%
XYZ	53.3054, 56.2282, 79.2778
YIQ	196.8810, -18.4780, 4.4820

Conversions

Conversions Part 2

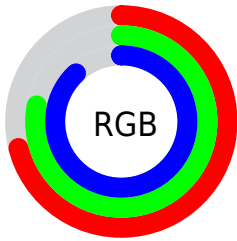
Format	Color
R _Y B	182, 194, 225
Decimal	11978721
CIE Lab	79.74, -0.36, -14.85
CIE LCh	80, 14.855, 268.630
Yxy	56.2282, 0.2823, 0.2978
Android (android.graphics.Color)	4290168801 (0xFFB6C7E1)
YUV	196.8810, 13.8627, -13.0506
Hunter-Lab	74.9855, -4.3331, -10.1941

Details

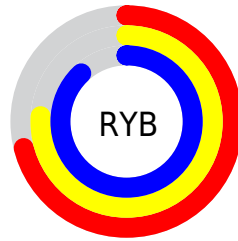
The XYZ color **53.3054, 56.2282, 79.2778** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0511, 64.4965, 53.4357**, and the grayscale version is **52.9275, 55.6839, 60.6397**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **26.4344, 27.8202, 42.0068** is the 20% darker color. If you saturate the color by 10%, you get **45.4216, 47.7246, 78.0529**, and if you desaturate by 10%, it is **62.3262, 65.7362, 80.6385**.

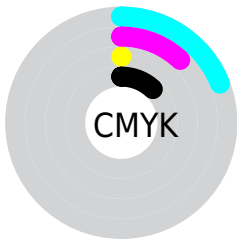
Distribution



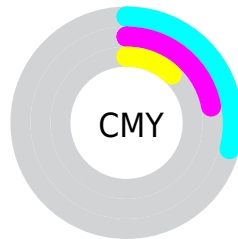
- Red (71%)
- Green (78%)
- Blue (88%)



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



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (29%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3054, 56.2282, 79.2778 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 53.3054, 56.2282, 79.2778 by changing the saturation by 10% instead.

■ 53.3054, 56.2282,
79.2778

■ 53.3054, 56.2282,
79.2778

389.6974,
410.5509, 512.1381

■ 38.2751, 40.3859,
58.6016

■ 94.2165, 99.3382,
134.1521

■ 26.3744, 27.8396,
41.8746

120.8280,
127.3746, 169.1872

■ 17.2381, 18.2048,
28.6783

152.0306,
160.2446, 209.8457

■ 10.5008, 11.0971,
18.5941

188.1896,
198.3325, 256.5462

■ 5.7970, 6.1322,
11.2035

229.6705,
242.0226, 309.7071

■ 2.7615, 2.9256,
6.0880

276.8385,

■ 1.0289, 1.0930,

291.6995, 369.7470

2.8290

330.0590,
347.7475, 437.0845

■ 0.0000, 0.0000,
1.0080

■ 0.0000, 0.0000,
0.0000

■ 53.3054, 56.2282,
79.2778

■ 53.3054, 56.2282,
79.2778

■ 45.4216, 47.7246,
78.0529

■ 62.3262, 65.7362,
80.6385

■ 38.6216, 40.1829,
76.9556

■ 72.5239, 76.2752,
82.1352

■ 32.8557, 33.5675,
75.9826

■ 83.9426, 87.8795,
83.7733

■ 28.0676, 27.8377,
75.1290

■ 90.0881, 97.2110,
85.2505

■ 24.1954, 22.9492,
74.3895

■ 90.5908, 98.2163,
85.4181

■ 21.1693, 18.8530,
73.7583

■ 18.9078, 15.4932,
73.2290

■ 17.2870, 12.7915,
72.7930

■ 17.1605, 12.5757,
72.7580

Harmonies

Analogous

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



50.4949, 56.2282, 76.4475



53.3054, 56.2282, 79.2778



56.2565, 56.2282, 76.9065

Triad

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



53.3054, 56.2282, 79.2778



58.6705, 56.2282, 53.6398



48.6655, 56.2282, 53.0157

Complementary

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



53.3054, 56.2282, 79.2778



62.0511, 64.4965, 53.4357

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.



50.7253, 56.2282, 47.8312



53.3054, 56.2282, 79.2778



56.5041, 56.2282, 48.1671

Square

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



53.3054, 56.2282, 79.2778



59.4229, 56.2282, 61.6188



53.5813, 56.2282, 46.1412



47.8787, 56.2282, 60.8288

Rectangle

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



53.3054, 56.2282, 79.2778



57.8924, 56.2282, 72.8094



53.5813, 56.2282, 46.1412



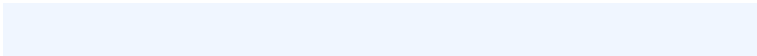
49.2281, 56.2282, 50.9359

Sweetspot

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



53.3071, 56.2305, 79.2791



86.7631, 91.4522, 107.6869



57.5782, 68.3408, 69.7030



18.3853, 19.3819, 23.0220



0.0000, 0.0000, 0.0000



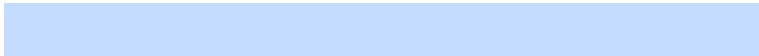
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3071, 56.2305, 79.2791



66.3789, 69.9484, 104.6106



50.6423, 49.3700, 78.0953



13.3945, 14.1281, 17.4087



9.9950, 7.4596, 41.9614



0.7784, 0.6882, 2.9371

Inverse Universe

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



58.0894, 53.5882, 61.3174



73.9165, 66.0409, 76.2430



65.0972, 72.5539, 54.8304



13.9306, 13.7899, 15.4046



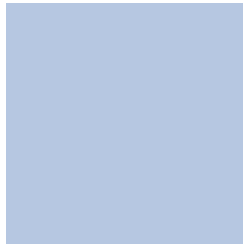
18.9852, 9.6611, 6.5879



1.3591, 0.6869, 0.6841

Previews

White Background



This preview shows how the XYZ color 53.3054, 56.2282, 79.2778 looks on a white background.

Color Contrast Check

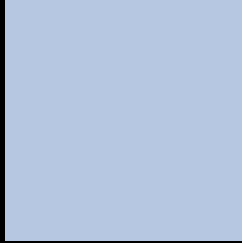
Large Text (above 18pt) WCAG AA × Fail

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 53.3054, 56.2282, 79.2778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

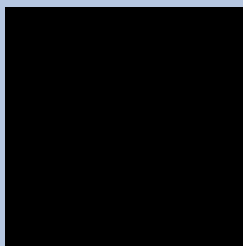
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3054, 56.2282, 79.2778

Background



This preview shows how black text looks on a background with the XYZ color 53.3054, 56.2282, 79.2778.



This preview shows how white text looks on a background with the XYZ color 53.3054, 56.2282,

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

53.3054, 56.2282, 79.2778

Protanopia

55.0515, 56.1450, 77.7476

Deuteranopia

57.2057, 55.8868, 79.7237



Tritanopia

51.8713, 55.9697, 73.0351

Trichromacy



Original Color

53.3054, 56.2282, 79.2778

Protanomaly

54.4071, 56.1331, 78.4882

Deuteranomaly

55.7483, 56.1233, 79.8461

Tritanomaly

52.4965, 56.2468, 75.1077

Monochromacy



Original Color

53.3054, 56.2282, 79.2778

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.1948, 56.0996, 67.0561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3054, 56.2282, 79.2778 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(182, 199, 225)` looks like.

```
.text, #text, p{  
    color:rgb(182, 199, 225)  
}
```

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(182, 199, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 199, 225) }
```

Border

The CSS property to change the border of an element to XYZ 53.3054, 56.2282, 79.2778 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(182, 199, 225) }
```


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

```
.border{ border-color:rgb(182, 199, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 199, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 199, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 199, 225);  
box-shadow:4px 4px 4px 4px rgb(182, 199,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3054, 56.2282, 79.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 199, 225) }
```

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

```
.background{ background-color: rgb(182,  
199, 225) }
```

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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