

Converting Colors

XYZ(51.1979, 54.0467, 78.2645)

Have a look what the booklet for
XYZ(51.1979, 54.0467, 78.2645)
contains.

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Color

**XYZ(51.3259, 54.2088,
78.2792)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C4E0
RGB	177, 196, 224
RGB Percent	69%, 77%, 88%
CMY	0.3059, 0.2314, 0.1216
CMYK	0.21, 0.12, 0.00, 0.12
HSL	216°, 43%, 79%
HSV	216°, 21%, 88%
XYZ	51.3259, 54.2088, 78.2792
YIQ	193.5110, -20.3120, 4.6800

Conversions

Conversions Part 2

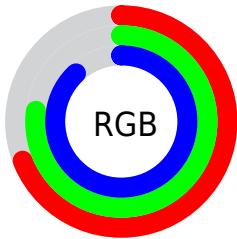
Format	Color
RYB	177, 191, 224
Decimal	11650272
CIELab	78.58, -0.52, -16.09
CIELCh	79, 16.101, 268.140
Yxy	54.2088, 0.2792, 0.2949
Android (android.graphics.Color)	4289840352 (0xFFB1C4E0)
YUV	193.5110, 15.0311, -14.4801
Hunter-Lab	73.6266, -4.4124, -11.4980

Details

The XYZ color **51.3259, 54.2088, 78.2792** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.5080, 62.6842, 50.5063**, and the grayscale version is **50.9134, 53.5649, 58.3322**.

A 20% lighter version of the original color is **86.7796, 94.7942, 108.3311**, and **25.1466, 26.4957, 41.3249** is the 20% darker color. If you saturate the color by 10%, you get **43.7596, 46.0383, 77.1018**, and if you desaturate by 10%, it is **60.0007, 63.3509, 79.5875**.

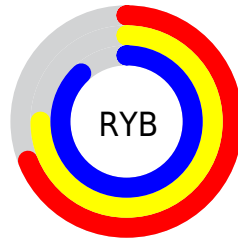
Distribution



Red (69%)

Green (77%)

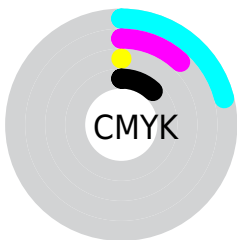
Blue (88%)



Red (69%)

Yellow (75%)

Blue (88%)

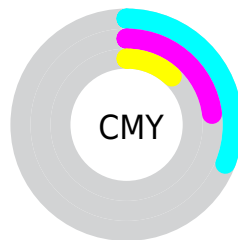


Cyan (21%)

Magenta (12%)

Yellow (0%)

Black (12%)



Cyan (31%)

Magenta (23%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3259, 54.2088, 78.2792 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 51.3259, 54.2088, 78.2792 by changing the saturation by 10% instead.

■ 51.3259, 54.2088,
78.2792

■ 51.3259, 54.2088,
78.2792

382.1955,
402.9057, 508.6675

■ 36.6901, 38.7686,
57.7856

■ 91.3165, 96.3808,
132.7331

■ 25.1402, 26.5798,
41.2227

117.4020,
123.8813, 167.5304

■ 16.3109, 17.2579,
28.1721

148.0347,
156.1708, 207.9327

■ 9.8366, 10.4185,
18.2153

183.5802,
193.6336, 254.3585

■ 5.3522, 5.6773,
10.9336

224.4036,
236.6541, 307.2263

■ 2.4922, 2.6499,
5.9086

270.8704,

■ 0.8913, 0.9518,

285.6167, 366.9547

2.7217

323.3459,
340.9058, 433.9623

■ 0.0000, 0.0000,
0.9543

■ 0.0000, 0.0000,
0.0000

■ 51.3259, 54.2088,
78.2792

■ 51.3259, 54.2088,
78.2792

■ 43.7596, 46.0383,
77.1018

■ 60.0007, 63.3509,
79.5875

■ 37.2491, 38.7977,
76.0474

■ 69.8238, 73.4909,
81.0270

■ 31.7445, 32.4522,
75.1127

■ 80.8388, 84.6623,
82.6027

■ 27.1898, 26.9614,
74.2929

■ 88.6876, 94.6276,
84.1125

■ 23.5228, 22.2817,
73.5829

■ 90.4547, 98.1619,
84.7016

■ 20.6731, 18.3644,
72.9770

■ 18.5578, 15.1536,
72.4687

■ 17.1587, 12.7899,
72.0862

Harmonies

Analogous

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



48.3682, 54.2088, 75.1533



51.3259, 54.2088, 78.2792



54.4569, 54.2088, 75.8220

Triad

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



51.3259, 54.2088, 78.2792



57.0965, 54.2088, 51.1567



46.5109, 54.2088, 50.2682

Complementary

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



51.3259, 54.2088, 78.2792



60.5080, 62.6842, 50.5063

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.



48.6981, 54.2088, 44.9108



51.3259, 54.2088, 78.2792



54.8138, 54.2088, 45.3855

Square

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



51.3259, 54.2088, 78.2792



57.8692, 54.2088, 59.5936



51.7223, 54.2088, 43.2179



45.6601, 54.2088, 58.4584

Rectangle

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



51.3259, 54.2088, 78.2792



56.2054, 54.2088, 71.4766



51.7223, 54.2088, 43.2179



47.1097, 54.2088, 48.1091

Sweetspot

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



51.3276, 54.2110, 78.2804



86.8045, 91.5349, 107.7007



55.7373, 67.0391, 67.3923



18.3951, 19.4015, 23.0253



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.



51.3276, 54.2110, 78.2804



64.4180, 67.9671, 104.3315



48.2143, 46.6410, 76.9834



13.4047, 14.1485, 17.4121



10.0935, 7.6566, 41.9942



0.7858, 0.7031, 2.9395

Inverse Universe

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



56.4277, 51.2784, 59.1507



72.4529, 63.6418, 74.1278



64.1329, 71.7153, 52.0584



13.9357, 13.7919, 15.4318



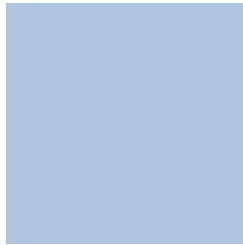
19.0349, 9.6810, 6.8498



1.3629, 0.6884, 0.7038

Previews

White Background



This preview shows how the XYZ color 51.3259, 54.2088, 78.2792 looks on a white background.

Color Contrast Check

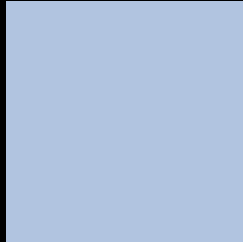
Large Text (above 18pt) WCAG AA × Fail

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 51.3259, 54.2088, 78.2792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

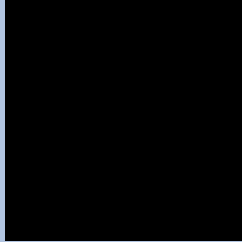
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

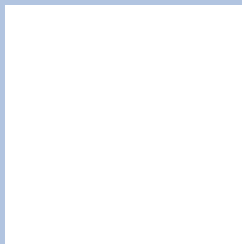
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3259, 54.2088, 78.2792

Background



This preview shows how black text looks on a background with the XYZ color 51.3259, 54.2088, 78.2792.



This preview shows how white text looks on a background with the XYZ color 51.3259, 54.2088,

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

51.3259, 54.2088, 78.2792

Protanopia

53.2410, 54.2327, 76.7691

Deuteranopia

55.0769, 53.8372, 78.7229



Tritanopia

50.0109, 54.3572, 71.4745

Trichromacy



Original Color

51.3259, 54.2088, 78.2792

Protanomaly

52.6187, 54.2256, 77.5053

Deuteranomaly

53.6754, 54.0827, 78.8442

Tritanomaly

50.5256, 54.2246, 74.1331

Monochromacy



Original Color

51.3259, 54.2088, 78.2792

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.2736, 54.1294, 65.5032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3259, 54.2088, 78.2792 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(177, 196, 224)` looks like.

```
.text, #text, p{  
    color:rgb(177, 196, 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(177, 196, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 196, 224) }
```

Border

The CSS property to change the border of an element to XYZ 51.3259, 54.2088, 78.2792 is called "border". The border property can be set on classes, ids or directly on the HTML element.

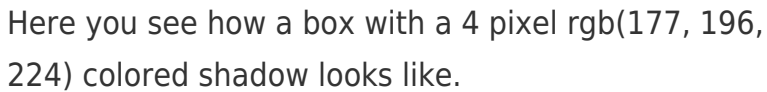
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 196, 224) }
```


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

```
.border{ border-color:rgb(177, 196, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 196, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 196, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 196, 224); box-shadow:4px 4px 4px 4px rgb(177, 196, 224) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3259, 54.2088, 78.2792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 196, 224) }
```

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

```
.background{ background-color: rgb(177,  
196, 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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