

Converting Colors

XYZ(51.9386, 53.9661, 80.9172)

Have a look what the booklet for
XYZ(51.9386, 53.9661, 80.9172)
contains.

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Color

**XYZ(52.1091, 54.2154,
81.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C3E4
RGB	179, 195, 228
RGB Percent	70%, 76%, 89%
CMY	0.2980, 0.2353, 0.1059
CMYK	0.21, 0.14, 0.00, 0.11
HSL	220°, 48%, 80%
HSV	220°, 21%, 89%
XYZ	52.1091, 54.2154, 81.1170
YIQ	193.9780, -20.1290, 6.8710

Conversions

Conversions Part 2

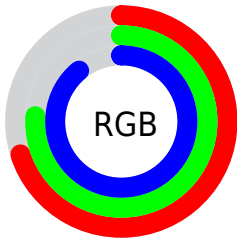
Format	Color
RYB	179, 191, 228
Decimal	11781092
CIELab	78.59, 1.52, -18.23
CIELCh	79, 18.289, 274.771
Yxy	54.2154, 0.2780, 0.2892
Android (android.graphics.Color)	4289971172 (0xFFB3C3E4)
YUV	193.9780, 16.7728, -13.1357
Hunter-Lab	73.6311, -2.5291, -13.7761

Details

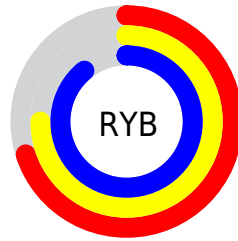
The XYZ color **52.1091, 54.2154, 81.1170** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.6756, 66.8356, 52.1936**, and the grayscale version is **51.1790, 53.8443, 58.6364**.

A 20% lighter version of the original color is **86.8081, 93.8765, 108.1524**, and **25.6719, 26.5025, 43.2976** is the 20% darker color. If you saturate the color by 10%, you get **44.0039, 45.1910, 79.8032**, and if you desaturate by 10%, it is **61.4427, 64.4009, 82.5920**.

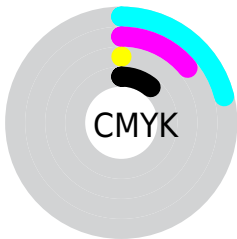
Distribution



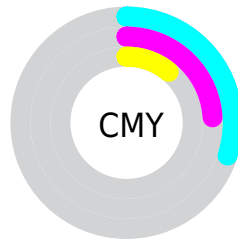
- Red (70%)
- Green (76%)
- Blue (89%)



- Red (70%)
- Yellow (75%)
- Blue (89%)



- Cyan (21%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (30%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1091, 54.2154, 81.1170 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 52.1091, 54.2154, 81.1170 by changing the saturation by 10% instead.

■ 52.1091, 54.2154,
81.1170

■ 52.1091, 54.2154,
81.1170

385.1747,
402.9309, 518.4950

■ 37.3167, 38.7739,
60.1064

■ 92.4654, 96.3904,
136.7606

■ 25.6276, 26.5839,
43.0785

118.7600,
123.8928, 172.2307

■ 16.6764, 17.2610,
29.6149

149.6193,
156.1842, 213.3576

■ 10.0979, 10.4207,
19.2969

185.4087,
193.6490, 260.5600

■ 5.5267, 5.6788,
11.7060

226.4936,
236.6717, 314.2565

■ 2.5974, 2.6508,
6.4237

273.2394,

■ 0.9446, 0.9523,

285.6366, 374.8654

3.0315

326.0113,
340.9282, 442.8054

■ 0.0000, 0.0000,
1.1107

■ 0.0000, 0.0000,
0.0000

■ 52.1091, 54.2154,
81.1170

■ 52.1091, 54.2154,
81.1170

■ 44.0039, 45.1910,
79.8032

■ 61.4427, 64.4009,
82.5920

■ 37.0687, 37.2778,
78.6413

■ 72.0496, 75.7818,
84.2296

■ 31.2476, 30.4317,
77.6267

■ 83.9788, 88.3991,
86.0363

■ 26.4777, 24.6030,
76.7530

■ 91.0038, 98.3815,
87.5928

■ 22.6898, 19.7373,
76.0135

■ 19.8051, 15.7745,
75.4007

■ 17.7311, 12.6458,
74.9061

■ 16.4834, 10.5607,
74.5694

Harmonies

Analogous

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



48.6305, 54.2154, 78.8815



52.1091, 54.2154, 81.1170



55.5870, 54.2154, 76.8942

Triad

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



52.1091, 54.2154, 81.1170



57.4389, 54.2154, 48.4139



45.5081, 54.2154, 50.9645

Complementary

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



52.1091, 54.2154, 81.1170



63.6756, 66.8356, 52.1936

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.



47.6756, 54.2154, 44.1742



52.1091, 54.2154, 81.1170



54.5427, 54.2154, 42.8264

Square

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



52.1091, 54.2154, 81.1170



58.7542, 54.2154, 57.3947



50.9554, 54.2154, 41.3694



44.9238, 54.2154, 60.6988

Rectangle

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



52.1091, 54.2154, 81.1170



57.4048, 54.2154, 71.2446



50.9554, 54.2154, 41.3694



46.0705, 54.2154, 48.3003

Sweetspot

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



52.1108, 54.2176, 81.1182



86.4441, 90.8142, 107.5805



58.1766, 69.8082, 72.4763



18.3100, 19.2314, 22.9969



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.



52.1108, 54.2176, 81.1182



62.0955, 64.2677, 103.7399



50.6592, 48.4288, 80.0774



13.9653, 14.6520, 18.2364



9.6141, 6.2903, 43.0906



0.7927, 0.6293, 3.2117

Inverse Universe

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



57.9667, 52.6757, 58.7445



71.0499, 62.1970, 69.4634



65.3459, 73.9322, 53.4753



14.5701, 14.4452, 15.9364



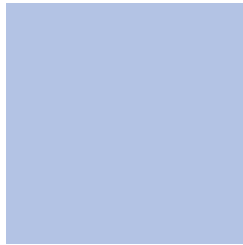
19.2463, 9.8327, 4.9258



1.4637, 0.7432, 0.5826

Previews

White Background



This preview shows how the XYZ color 52.1091, 54.2154, 81.1170 looks on a white background.

Color Contrast Check

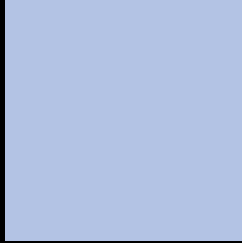
Large Text (above 18pt) WCAG AA × Fail

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 52.1091, 54.2154, 81.1170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

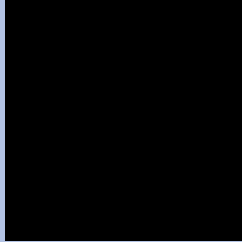
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1091, 54.2154, 81.1170

Background



This preview shows how black text looks on a background with the XYZ color 52.1091, 54.2154, 81.1170.



This preview shows how white text looks on a background with the XYZ color 52.1091, 54.2154,

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

52.1091, 54.2154, 81.1170

Protanopia

53.5365, 54.3223, 79.6151

Deuteranopia

55.3213, 54.2198, 81.6785



Tritanopia

50.1088, 54.4224, 70.8143

Trichromacy



Original Color

52.1091, 54.2154, 81.1170

Protanomaly

53.1645, 54.4439, 80.3797

Deuteranomaly

54.2277, 54.3036, 81.7523

Tritanomaly

50.7526, 54.3416, 74.1437

Monochromacy



Original Color

52.1091, 54.2154, 81.1170

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.4186, 53.8586, 66.0782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1091, 54.2154, 81.1170 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, 195, 228)` looks like.

```
.text, #text, p{  
    color:rgb(179, 195, 228)  
}
```

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, 195, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 195, 228) }
```

Border

The CSS property to change the border of an element to XYZ 52.1091, 54.2154, 81.1170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

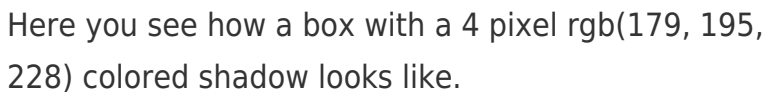
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 195, 228) }
```


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

```
.border{ border-color:rgb(179, 195, 228) }
```

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



Here you see how a box with a 4 pixel rgb(179, 195, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 195, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 195, 228);  
box-shadow:4px 4px 4px 4px rgb(179, 195,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1091, 54.2154, 81.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 195, 228) }
```

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

```
.background{ background-color: rgb(179,  
195, 228) }
```

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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