

Converting Colors

XYZ(41.3747, 54.0332, 58.6084)

Have a look what the booklet for
XYZ(41.3747, 54.0332, 58.6084)
contains.

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Color

**XYZ(41.4794, 54.1183,
58.7118)**

Conversions

Conversions Part 1

Format	Color
Hex	81D1C1
RGB	129, 209, 193
RGB Percent	51%, 82%, 76%
CMY	0.4941, 0.1804, 0.2431
CMYK	0.38, 0.00, 0.08, 0.18
HSL	168°, 47%, 66%
HSV	168°, 38%, 82%
XYZ	41.4794, 54.1183, 58.7118
YIQ	183.2560, -42.5440, -21.9360

Conversions

Conversions Part 2

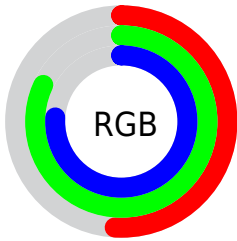
Format	Color
RYB	129, 173, 209
Decimal	8507841
CIELab	78.53, -28.20, 0.20
CIELCh	79, 28.202, 179.599
Yxy	54.1183, 0.2688, 0.3507
Android (android.graphics.Color)	4286697921 (0xFF81D1C1)
YUV	183.2560, 4.8038, -47.5825
Hunter-Lab	73.5651, -28.0925, 4.1767

Details

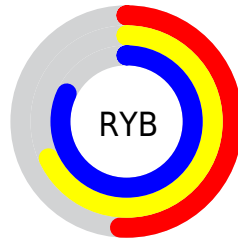
The XYZ color **41.4794, 54.1183, 58.7118** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.2575, 31.3017, 30.7629**, and the grayscale version is **45.1427, 47.4936, 51.7206**.

A 20% lighter version of the original color is **72.8665, 88.6738, 102.8978**, and **19.1133, 26.4605, 28.9110** is the 20% darker color. If you saturate the color by 10%, you get **38.1641, 52.4637, 56.1574**, and if you desaturate by 10%, it is **45.4603, 56.1172, 61.3686**.

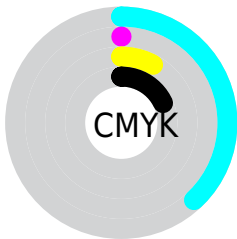
Distribution



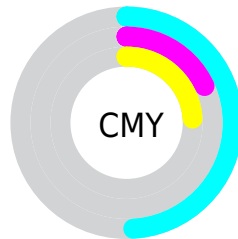
- Red (51%)
- Green (82%)
- Blue (76%)



- Red (51%)
- Yellow (68%)
- Blue (82%)



- Cyan (38%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (49%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4794, 54.1183, 58.7118 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 41.4794, 54.1183, 58.7118 by changing the saturation by 10% instead.

■ 41.4794, 54.1183,
58.7118

■ 41.4794, 54.1183,
58.7118

343.3487,
402.5610, 437.5052

■ 28.8832, 38.6962,
41.9627

■ 76.6812, 96.2479,
104.4837

■ 19.1363, 26.5235,
28.7467

■ 100.0176,
123.7243, 134.3435

■ 11.8734, 17.2157,
18.6454

■ 127.6646,
155.9875, 169.4107

■ 6.7291, 10.3884,
11.2401

159.9878,
193.4221, 210.1037

■ 3.3381, 5.6572,
6.1124

197.3525,
236.4123, 256.8411

■ 1.3350, 2.6378,
2.8436

240.1239,

■ 0.2092, 0.9457,

285.3426, 310.0415

1.0154

288.6676,
340.5973, 370.1233

■ 0.0000, 0.0000,
0.0000

■ 41.4794, 54.1183,
58.7118

■ 41.4794, 54.1183,
58.7118

■ 38.1641, 52.4637,
56.1574

■ 45.4603, 56.1172,
61.3686

■ 35.4698, 51.1264,
53.6991

■ 50.1386, 58.4728,
64.1262

■ 33.3537, 50.0856,
51.3356

■ 55.5500, 61.2047,
66.9880

■ 31.7655, 49.3155,
49.0639

■ 61.7259, 64.3292,
69.9561

■ 30.6460, 48.7855,
46.8807

■ 68.6962, 67.8617,
73.0324

■ 29.9067, 48.4501,
44.7813

■ 76.4890, 71.8166,
76.2187

■ 29.7947, 48.4001,
44.4269

■ 77.2619, 72.1510,
79.1486

■ 77.8302, 72.3783,
82.1414

■ 78.4125, 72.6112,
85.2080

Harmonies

Analogous

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



42.7645, 54.1183, 44.7619



41.4794, 54.1183, 58.7118



42.6985, 54.1183, 75.3626

Triad

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



41.4794, 54.1183, 58.7118



56.8958, 54.1183, 89.7256



57.0344, 54.1183, 36.2840

Complementary

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



41.4794, 54.1183, 58.7118



39.2575, 31.3017, 30.7629

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.



61.2950, 54.1183, 45.0713



41.4794, 54.1183, 58.7118



61.2110, 54.1183, 75.8003

Square

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



41.4794, 54.1183, 58.7118



51.3631, 54.1183, 95.1122



62.8747, 54.1183, 59.1400



51.5126, 54.1183, 33.3247

Rectangle

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



41.4794, 54.1183, 58.7118



44.8211, 54.1183, 85.4246



62.8747, 54.1183, 59.1400



58.6756, 54.1183, 38.5659

Sweetspot

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



41.4809, 54.1205, 58.7130



84.5825, 94.7066, 103.7635



38.6780, 53.3297, 29.0251



17.8500, 20.1428, 22.0772



0.0000, 0.0000, 0.0000



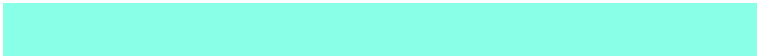
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4809, 54.1205, 58.7130



60.6915, 82.6976, 88.7631



38.1928, 44.5310, 66.9064



12.0528, 13.3649, 14.6344



18.4056, 29.8552, 27.5800



1.0555, 1.6799, 1.6811

Inverse Universe

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



39.2575, 31.3017, 30.7629



56.7329, 41.9300, 38.8967



41.4330, 37.4904, 25.8226



11.9040, 11.8464, 12.7705



16.4963, 8.4714, 2.2538



0.9512, 0.4852, 0.2779

Previews

White Background



This preview shows how the XYZ color 41.4794, 54.1183, 58.7118 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 41.4794, 54.1183, 58.7118 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

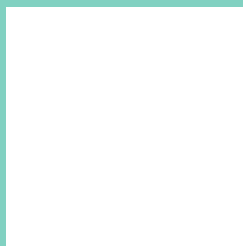
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.4794, 54.1183, 58.7118

Background



This preview shows how black text looks on a background with the XYZ color 41.4794, 54.1183, 58.7118.

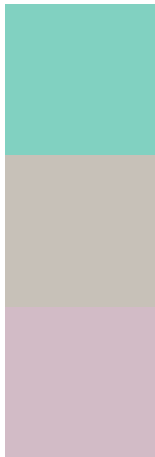


This preview shows how white text looks on a background with the XYZ color 41.4794, 54.1183,

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

41.4794, 54.1183, 58.7118

Protanopia

51.2749, 53.7427, 53.0183

Deuteranopia

54.5417, 53.3195, 60.8431



Tritanopia

45.0358, 54.1173, 76.4787

Trichromacy



Original Color

41.4794, 54.1183, 58.7118

Protanomaly

46.8486, 53.4334, 54.8582

Deuteranomaly

48.5350, 52.8395, 59.8655

Tritanomaly

43.5020, 53.8323, 69.7259

Monochromacy



Original Color

41.4794, 54.1183, 58.7118

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

42.9235, 49.0737, 54.2236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4794, 54.1183, 58.7118 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(129, 209, 193)` looks like.

```
.text, #text, p{  
    color:rgb(129, 209, 193)  
}
```

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(129, 209, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 209, 193) }
```

Border

The CSS property to change the border of an element to XYZ 41.4794, 54.1183, 58.7118 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(129, 209, 193) }
```


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

```
.border{ border-color:rgb(129, 209, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 209, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 209, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 209, 193);  
box-shadow:4px 4px 4px 4px rgb(129, 209,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4794, 54.1183, 58.7118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 209, 193) }
```

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

```
.background{ background-color: rgb(129,  
209, 193) }
```

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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