

Converting Colors

XYZ(41.1834, 54.1770, 82.4153)

Have a look what the booklet for
XYZ(41.1834, 54.1770, 82.4153)
contains.

XYZ(41.1834, 54.1770, 82.4153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.1834, 54.1770,
82.4153)**

Conversions

Conversions Part 1

Format	Color
Hex	55D3E5
RGB	85, 211, 229
RGB Percent	33%, 83%, 90%
CMY	0.6666, 0.1725, 0.1020
CMYK	0.63, 0.08, 0.00, 0.10
HSL	187°, 73%, 62%
HSV	187°, 63%, 90%
XYZ	41.1834, 54.1770, 82.4153
YIQ	175.3780, -80.8740, -21.1140

Conversions

Conversions Part 2

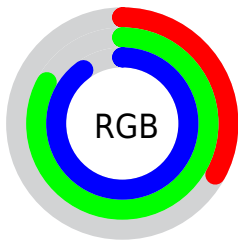
Format	Color
R_{YB}	85, 152, 229
Decimal	5624805
CIE _{Lab}	78.56, -29.25, -19.23
CIE _{LCh}	79, 35.006, 213.314
Yxy	54.1770, 0.2317, 0.3047
Android (android.graphics.Color)	4283814885 (0xFF55D3E5)
YUV	175.3780, 26.4356, -79.2615
Hunter-Lab	73.6050, -28.9347, -14.8633

Details

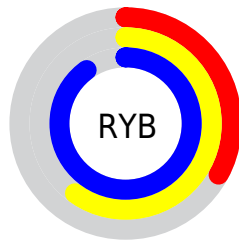
The XYZ color **41.1834, 54.1770, 82.4153** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **38.8043, 27.0158, 11.7652**, and the grayscale version is **40.8424, 42.9694, 46.7937**.

A 20% lighter version of the original color is **66.2044, 85.1296, 107.5500**, and **19.5284, 26.8329, 44.1944** is the 20% darker color. If you saturate the color by 10%, you get **38.7266, 51.8653, 82.0996**, and if you desaturate by 10%, it is **44.3287, 56.8647, 82.7693**.

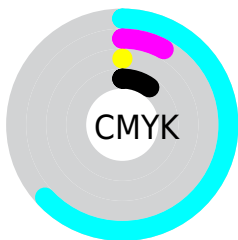
Distribution



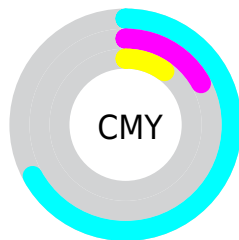
- Red (33%)
- Green (83%)
- Blue (90%)



- Red (33%)
- Yellow (60%)
- Blue (90%)



- Cyan (63%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (67%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1834, 54.1770, 82.4153 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 41.1834, 54.1770, 82.4153 by changing the saturation by 10% instead.

41.1834, 54.1770,
82.4153

41.1834, 54.1770,
82.4153

342.1361,
402.7846, 522.9557

28.6507, 38.7432,
61.1701

76.2352, 96.3341,
138.5981

18.9597, 26.5600,
43.9310

99.4850, 123.8261,
174.3729

11.7450, 17.2430,
30.2795

127.0379,
156.1064, 215.8279

6.6412, 10.4079,
19.7970

159.2592,
193.5593, 263.3817

3.2831, 5.6703,
12.0649

196.5143,
236.5691, 317.4528

1.3052, 2.6456,
6.6648

239.1686,

0.1871, 0.9497,

285.5204, 378.4598

3.1781

287.5874,
340.7974, 446.8213

■ 0.0000, 0.0000,
1.1863

■ 0.0000, 0.0000,
0.0000

■ 41.1834, 54.1770,
82.4153

■ 41.1834, 54.1770,
82.4153

■ 38.7266, 51.8653,
82.0996

■ 44.3287, 56.8647,
82.7693

■ 36.8856, 49.8887,
81.8151

■ 48.2161, 59.9527,
83.1605

■ 35.5804, 48.2068,
81.5593

■ 52.8997, 63.4702,
83.5925

■ 34.8850, 47.1411,
81.3902

■ 58.4269, 67.4416,
84.0678

64.8417, 71.8898,
84.5883

72.1846, 76.8357,
85.1559

80.4938, 82.2991,
85.7725

84.7779, 85.7070,
86.2045

85.5990, 87.3491,
86.4782

Harmonies

Analogous

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



39.3519, 54.1770, 61.2134



41.1834, 54.1770, 82.4153



45.7622, 54.1770, 99.8668

Triad

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



41.1834, 54.1770, 82.4153



64.2803, 54.1770, 77.7517



50.7305, 54.1770, 28.6070

Complementary

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



41.1834, 54.1770, 82.4153



38.8043, 27.0158, 11.7652

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.



57.6846, 54.1770, 31.1371



41.1834, 54.1770, 82.4153



65.9064, 54.1770, 56.8202

Square

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



41.1834, 54.1770, 82.4153



59.1293, 54.1770, 96.7792



63.3952, 54.1770, 40.4854



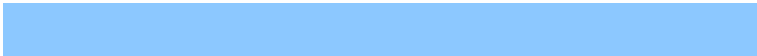
44.5453, 54.1770, 32.5938

Rectangle

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



41.1834, 54.1770, 82.4153



49.9644, 54.1770, 105.3460



63.3952, 54.1770, 40.4854



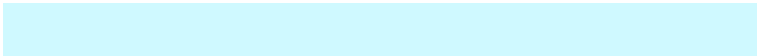
53.0538, 54.1770, 28.7275

Sweetspot

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



41.1851, 54.1790, 82.4166



77.5150, 88.1375, 107.5345



34.1553, 58.9264, 22.0939



16.1063, 18.5257, 22.9769



0.0000, 0.0000, 0.0000



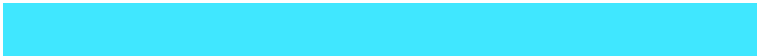
20.3446, 21.4041, 23.3091

Same Dimension

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



41.1851, 54.1790, 82.4166



48.7508, 65.5069, 104.6824



27.2981, 26.4050, 77.7876



14.6457, 16.0127, 18.4632



20.0064, 27.0749, 46.5547



1.5217, 2.0873, 3.4547

Inverse Universe

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



47.3209, 27.8597, 64.5136



57.4966, 30.6736, 78.5622



49.0516, 47.5105, 15.1810



14.9135, 14.5826, 17.7448



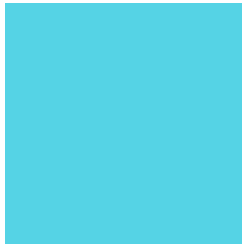
24.4918, 11.9309, 32.5485



1.8317, 0.8904, 2.5203

Previews

White Background



This preview shows how the XYZ color 41.1834, 54.1770, 82.4153 looks on a white background.

Color Contrast Check

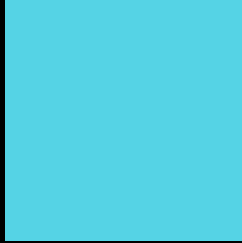
Large Text (above 18pt) WCAG AA × Fail

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 41.1834, 54.1770, 82.4153 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 41.1834, 54.1770, 82.4153

Background



This preview shows how black text looks on a background with the XYZ color 41.1834, 54.1770, 82.4153.

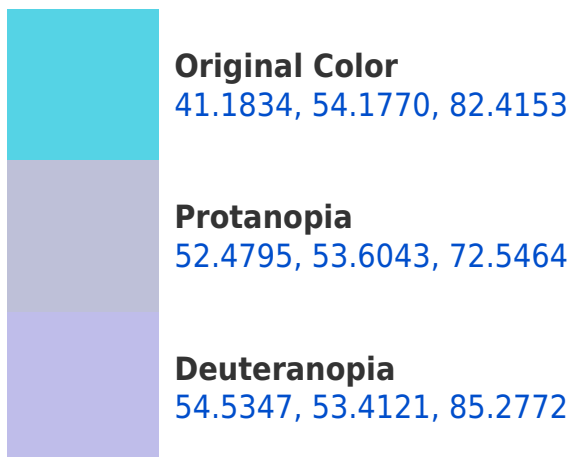


This preview shows how white text looks on a background with the XYZ color 41.1834, 54.1770,

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





Tritanopia

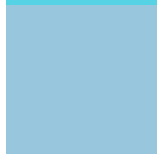
41.0442, 54.1213, 81.6820

Trichromacy



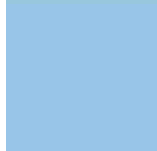
Original Color

41.1834, 54.1770, 82.4153



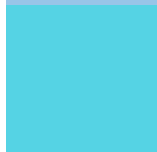
Protanomaly

46.4235, 52.7427, 76.1402



Deuteranomaly

47.4806, 52.4341, 83.9622



Tritanomaly

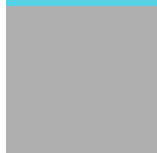
41.0442, 54.1213, 81.6820

Monochromacy



Original Color

41.1834, 54.1770, 82.4153



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

38.9889, 45.6574, 58.3876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1834, 54.1770, 82.4153 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(85, 211, 229)` looks like.

```
.text, #text, p{  
    color:rgb(85, 211, 229)  
}
```

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(85, 211, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 211, 229) }
```

Border

The CSS property to change the border of an element to XYZ 41.1834, 54.1770, 82.4153 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(85, 211, 229) }
```


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

```
.border{ border-color:rgb(85, 211, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 211, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 211, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 211, 229);  
box-shadow:4px 4px 4px 4px rgb(85, 211,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1834, 54.1770, 82.4153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 211, 229) }
```

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

```
.background{ background-color: rgb(85, 211,  
229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor