

Converting Colors

XYZ(41.1985, 54.8945, 84.0256)

Have a look what the booklet for
XYZ(41.1985, 54.8945, 84.0256)
contains.

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Color

**XYZ(41.1985, 54.8945,
84.0256)**

Conversions

Conversions Part 1

Format	Color
Hex	4CD5E7
RGB	76, 213, 231
RGB Percent	30%, 84%, 91%
CMY	0.7019, 0.1647, 0.0941
CMYK	0.67, 0.08, 0.00, 0.09
HSL	187°, 76%, 60%
HSV	187°, 67%, 91%
XYZ	41.1985, 54.8945, 84.0256
YIQ	174.0890, -87.4300, -23.4460

Conversions

Conversions Part 2

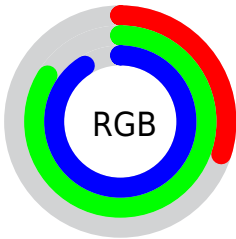
Format	Color
RYB	76, 149, 231
Decimal	5035495
CIELab	78.98, -31.00, -19.69
CIELCh	79, 36.723, 212.422
Yxy	54.8945, 0.2287, 0.3048
Android (android.graphics.Color)	4283225575 (0xFF4CD5E7)
YUV	174.0890, 28.0571, -86.0241
Hunter-Lab	74.0908, -30.4033, -15.3766

Details

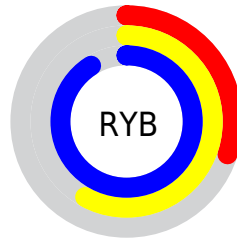
The XYZ color **41.1985, 54.8945, 84.0256** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **38.2636, 25.5177, 9.7478**, and the grayscale version is **40.1724, 42.2645, 46.0260**.

A 20% lighter version of the original color is **64.9653, 84.4908, 107.4921**, and **19.9647, 27.5489, 44.8227** is the 20% darker color. If you saturate the color by 10%, you get **39.0132, 52.7757, 83.7328**, and if you desaturate by 10%, it is **44.0569, 57.3792, 84.3556**.

Distribution



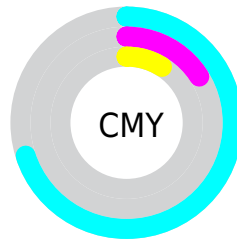
- Red (30%)
- Green (84%)
- Blue (91%)



- Red (30%)
- Yellow (58%)
- Blue (91%)



- Cyan (67%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (70%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1985, 54.8945, 84.0256 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 41.1985, 54.8945, 84.0256 by changing the saturation by 10% instead.

41.1985, 54.8945,
84.0256

41.1985, 54.8945,
84.0256

342.1980,
405.5119, 528.4585

28.6626, 39.3173,
62.4911

76.2579, 97.3864,
140.8730

18.9687, 27.0066,
44.9913

99.5122, 125.0698,
177.0230

11.7515, 17.5782,
31.1076

127.0699,
157.5574, 218.8819

6.6457, 10.6476,
20.4217

159.2964,
195.2335, 266.8682

3.2859, 5.8304,
12.5148

196.5571,
238.4827, 321.4004

1.3067, 2.7422,
6.9685

239.2174,

0.1882, 0.9987,

287.6892, 382.8972

3.3643

287.6426,
343.2375, 451.7771

■ 0.0000, 0.0000,
1.2835

■ 0.0000, 0.0000,
0.0482

■ 41.1985, 54.8945,
84.0256

■ 41.1985, 54.8945,
84.0256

■ 39.0132, 52.7757,
83.7328

■ 44.0569, 57.3792,
84.3556

■ 37.4216, 50.9783,
83.4698

■ 47.6466, 60.2564,
84.7217

■ 36.3287, 49.4544,
83.2332

■ 52.0254, 63.5570,
85.1280

■ 36.0589, 49.0394,
83.1674

■ 57.2437, 67.3073,
85.5769

63.3477, 71.5311,
86.0704

70.3802, 76.2504,
86.6107

78.3813, 81.4862,
87.1996

85.2188, 86.1391,
87.7373

85.9903, 87.6821,
87.9945

Harmonies

Analogous

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



39.3673, 54.8945, 61.4861



41.1985, 54.8945, 84.0256



45.9417, 54.8945, 102.9666

Triad

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



41.1985, 54.8945, 84.0256



65.6364, 54.8945, 80.3861



51.5845, 54.8945, 27.9249

Complementary

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



41.1985, 54.8945, 84.0256



38.2636, 25.5177, 9.7478

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.



58.9493, 54.8945, 30.7440



41.1985, 54.8945, 84.0256



67.4981, 54.8945, 58.0876

Square

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



41.1985, 54.8945, 84.0256



60.0711, 54.8945, 100.5441



64.9474, 54.8945, 40.7000



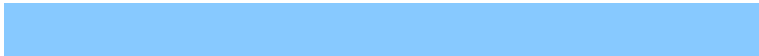
45.0041, 54.8945, 31.8478

Rectangle

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



41.1985, 54.8945, 84.0256



50.3458, 54.8945, 109.1471



64.9474, 54.8945, 40.7000



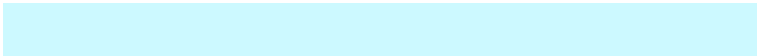
54.0492, 54.8945, 28.1152

Sweetspot

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



41.2002, 54.8965, 84.0269



76.8516, 87.8568, 107.5153



33.4678, 59.4536, 19.7246



15.9835, 18.4832, 22.9751



0.0000, 0.0000, 0.0000



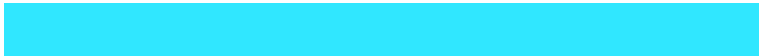
20.3446, 21.4041, 23.3091

Same Dimension

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



41.2002, 54.8965, 84.0269



47.8703, 65.0195, 104.6347



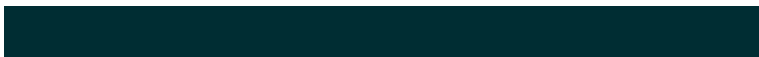
26.4945, 25.4851, 79.1250



14.6571, 16.0355, 18.4670



20.2742, 27.6105, 46.6440



1.5389, 2.1217, 3.4604

Inverse Universe

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



47.5511, 26.9635, 65.6511



56.7413, 29.1813, 78.2542



48.4490, 45.8886, 13.1429



14.9192, 14.5849, 17.7751



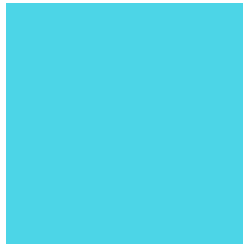
24.6270, 11.9850, 33.2603



1.8404, 0.8939, 2.5660

Previews

White Background



This preview shows how the XYZ color 41.1985, 54.8945, 84.0256 looks on a white background.

Color Contrast Check

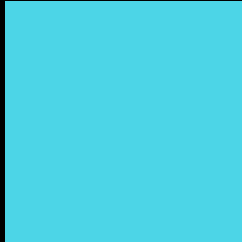
Large Text (above 18pt) WCAG AA × Fail

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 41.1985, 54.8945, 84.0256 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 41.1985, 54.8945, 84.0256

Background



This preview shows how black text looks on a background with the XYZ color 41.1985, 54.8945, 84.0256.



This preview shows how white text looks on a background with the XYZ color 41.1985, 54.8945,

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

41.1985, 54.8945, 84.0256

Protanopia

52.9601, 54.1490, 73.9902

Deuteranopia

55.2920, 54.0895, 86.8830



Tritanopia

41.0577, 54.8382, 83.2838

Trichromacy



Original Color

41.1985, 54.8945, 84.0256



Protanomaly

46.3680, 53.0258, 77.6032



Deuteranomaly

47.6230, 52.8127, 85.5258



Tritanomaly

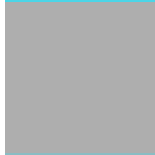
41.0577, 54.8382, 83.2838

Monochromacy



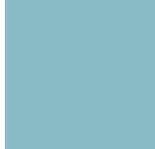
Original Color

41.1985, 54.8945, 84.0256



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

38.3148, 45.3098, 58.3560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1985, 54.8945, 84.0256 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(76, 213, 231)` looks like.

```
.text, #text, p{  
    color:rgb(76, 213, 231)  
}
```

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(76, 213, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 213, 231) }
```

Border

The CSS property to change the border of an element to XYZ 41.1985, 54.8945, 84.0256 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(76, 213, 231) }
```


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

```
.border{ border-color:rgb(76, 213, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 213, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 213, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 213, 231);  
box-shadow:4px 4px 4px 4px rgb(76, 213,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1985, 54.8945, 84.0256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 213, 231) }
```

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

```
.background{ background-color: rgb(76, 213,  
231) }
```

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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