

Converting Colors

XYZ(41.8537, 59.1139, 68.1203)

Have a look what the booklet for
XYZ(41.8537, 59.1139, 68.1203)
contains.

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Color

**XYZ(41.7974, 59.0229,
68.2211)**

Conversions

Conversions Part 1

Format	Color
Hex	5CDECF
RGB	92, 222, 207
RGB Percent	36%, 87%, 81%
CMY	0.6392, 0.1294, 0.1882
CMYK	0.59, 0.00, 0.07, 0.13
HSL	173°, 66%, 62%
HSV	173°, 59%, 87%
XYZ	41.7974, 59.0229, 68.2211
YIQ	181.4200, -72.6650, -32.2250

Conversions

Conversions Part 2

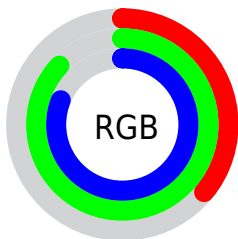
Format	Color
RYB	92, 161, 222
Decimal	6086351
CIELab	81.30, -39.19, -3.37
CIELCh	81, 39.335, 184.920
Yxy	59.0229, 0.2473, 0.3492
Android (android.graphics.Color)	4284276431 (0xFF5CDECF)
YUV	181.4200, 12.6109, -78.4213
Hunter-Lab	76.8264, -37.3332, 1.1295

Details

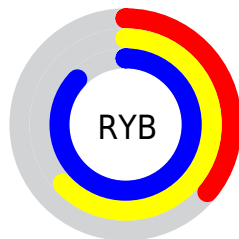
The XYZ color **41.7974, 59.0229, 68.2211** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.6072, 24.2471, 16.6627**, and the grayscale version is **44.1120, 46.4092, 50.5397**.

A 20% lighter version of the original color is **67.1364, 85.6100, 107.5937**, and **19.3860, 29.5723, 34.8233** is the 20% darker color. If you saturate the color by 10%, you get **39.5859, 57.9201, 66.4969**, and if you desaturate by 10%, it is **44.6670, 60.4672, 70.0052**.

Distribution



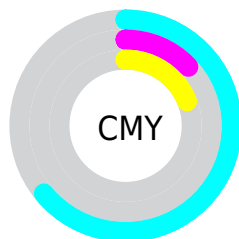
- Red (36%)
- Green (87%)
- Blue (81%)



- Red (36%)
- Yellow (63%)
- Blue (87%)



- Cyan (59%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)





- Cyan (64%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7974, 59.0229, 68.2211 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 41.7974, 59.0229, 68.2211 by changing the saturation by 10% instead.


 41.7974, 59.0229,
68.2211


 41.7974, 59.0229,
68.2211

344.6483,
420.9868, 472.8983


 29.1331, 42.6316,
49.6098


 77.1600, 103.4109,
118.3256


 19.3263, 29.5961,
34.7345


 100.5890,
132.1764, 150.6559

 12.0117, 19.5322,
23.1765

 128.3370,
165.8354, 188.3963

 6.8239, 12.0555,
14.5174

 160.7692,
204.7723, 231.9653

 3.3976, 6.7815,
8.3385

198.2511,
249.3715, 281.7814

 1.3673, 3.3258,
4.2215

241.1480,

 0.2328, 1.3041,

300.0174, 338.2633

1.7476

289.8253,
357.0943, 401.8294

■ 0.0000, 0.1444,
0.3931

■ 0.0000, 0.0000,
0.0000

■ 41.7974, 59.0229,
68.2211

■ 41.7974, 59.0229,
68.2211

■ 39.5859, 57.9201,
66.4969

■ 44.6670, 60.4672,
70.0052

■ 37.9688, 57.1218,
64.8257


■ 48.2412, 62.2726,
71.8477


■ 36.8787, 56.5946,
63.2054


■ 52.5680, 64.4655,
73.7521


■ 36.2122, 56.2851,
61.6310


■ 57.6899, 67.0677,
75.7207


 36.1298, 56.2476,
61.4066

 63.6461, 70.0994,
77.7553

 70.4733, 73.5794,
79.8579

 78.2059, 77.5257,
82.0300

 81.2962, 79.0781,
84.0123

 81.6535, 79.2210,
85.8942

Harmonies

Analogous

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



42.9837, 59.0229, 46.9459



41.7974, 59.0229, 68.2211



44.1272, 59.0229, 93.7702

Triad

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



41.7974, 59.0229, 68.2211



65.6284, 59.0229, 108.9134



63.0596, 59.0229, 31.4029

Complementary

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



41.7974, 59.0229, 68.2211



36.6072, 24.2471, 16.6627

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.



70.0623, 59.0229, 41.7074



41.7974, 59.0229, 68.2211



71.6439, 59.0229, 85.3947

Square

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



41.7974, 59.0229, 68.2211



57.4641, 59.0229, 120.6431



73.3404, 59.0229, 60.4666



54.7567, 59.0229, 28.9300

Rectangle

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



41.7974, 59.0229, 68.2211



47.5083, 59.0229, 108.8102



73.3404, 59.0229, 60.4666



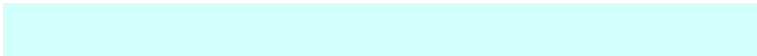
65.6686, 59.0229, 33.9173

Sweetspot

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



41.7991, 59.0252, 68.2225



79.2916, 91.9734, 103.7721



34.1384, 56.1538, 19.1659



16.5038, 19.4482, 22.0401



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.



41.7991, 59.0252, 68.2225



53.6893, 79.0406, 90.5707



32.3846, 37.1199, 74.5679



14.0449, 15.5437, 17.2716



21.4863, 33.4194, 36.6133



1.5089, 2.3243, 2.6410

Inverse Universe

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



36.6072, 24.2471, 16.6627



46.0213, 27.3630, 14.1895



41.7063, 35.6008, 14.7999



13.7712, 13.7261, 14.5655



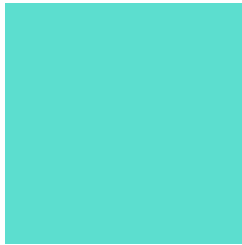
18.0222, 9.2759, 1.5167



1.2709, 0.6516, 0.2194

Previews

White Background



This preview shows how the XYZ color 41.7974, 59.0229, 68.2211 looks on a white background.

Color Contrast Check

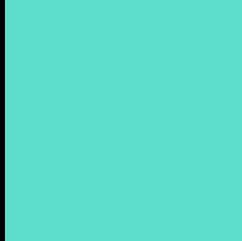
Large Text (above 18pt) WCAG AA × Fail

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 41.7974, 59.0229, 68.2211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

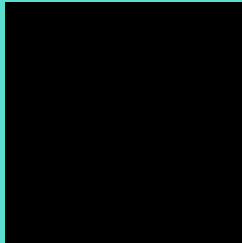
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

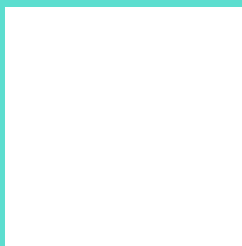
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.7974, 59.0229, 68.2211

Background



This preview shows how black text looks on a background with the XYZ color 41.7974, 59.0229, 68.2211.

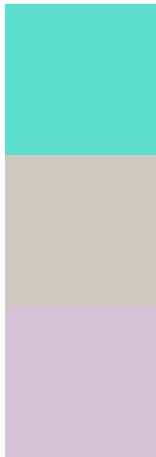


This preview shows how white text looks on a background with the XYZ color 41.7974, 59.0229,

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

41.7974, 59.0229, 68.2211

Protanopia

55.5687, 58.1827, 59.3405

Deuteranopia

59.2569, 58.1305, 71.0479



Tritanopia

45.6603, 59.0245, 87.5836

Trichromacy



Original Color

41.7974, 59.0229, 68.2211



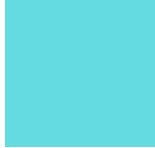
Protanomaly

48.1745, 57.1278, 62.5205



Deuteranomaly

50.1668, 56.9118, 69.9690



Tritanomaly

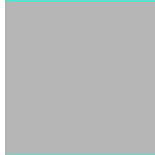
44.0677, 58.7519, 80.2518

Monochromacy



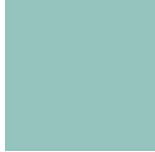
Original Color

41.7974, 59.0229, 68.2211



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

41.4286, 49.5871, 56.1029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7974, 59.0229, 68.2211 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(92, 222, 207)` looks like.

```
.text, #text, p{  
    color:rgb(92, 222, 207)  
}
```

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(92, 222, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 222, 207) }
```

Border

The CSS property to change the border of an element to XYZ 41.7974, 59.0229, 68.2211 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(92, 222, 207) }
```


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

```
.border{ border-color:rgb(92, 222, 207) }
```

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

Here you see how a box with a 4 pixel rgb(92, 222, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 222, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 222, 207);  
box-shadow:4px 4px 4px 4px rgb(92, 222,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7974, 59.0229, 68.2211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 222, 207) }
```

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

```
.background{ background-color: rgb(92, 222,  
207) }
```

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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