

Converting Colors

XYZ(41.5153, 58.7854, 69.6863)

Have a look what the booklet for
XYZ(41.5153, 58.7854, 69.6863)
contains.

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Color

**XYZ(41.5604, 58.8722,
69.4946)**

Conversions

Conversions Part 1

Format	Color
Hex	57DED1
RGB	87, 222, 209
RGB Percent	34%, 87%, 82%
CMY	0.6588, 0.1294, 0.1804
CMYK	0.61, 0.00, 0.06, 0.13
HSL	174°, 67%, 61%
HSV	174°, 61%, 87%
XYZ	41.5604, 58.8722, 69.4946
YIQ	180.1530, -76.2870, -32.6630

Conversions

Conversions Part 2

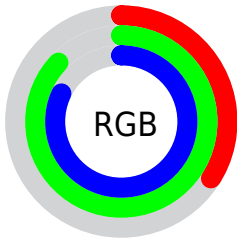
Format	Color
R _Y B	87, 158, 222
Decimal	5758673
CIE Lab	81.22, -39.55, -4.57
CIE LCh	81, 39.816, 186.597
Yxy	58.8722, 0.2446, 0.3465
Android (android.graphics.Color)	4283948753 (0xFF57DED1)
YUV	180.1530, 14.2216, -81.6952
Hunter-Lab	76.7282, -37.5886, 0.0094

Details

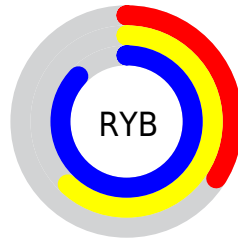
The XYZ color **41.5604, 58.8722, 69.4946** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **35.8347, 23.2679, 14.6612**, and the grayscale version is **43.4217, 45.6830, 49.7488**.

A 20% lighter version of the original color is **66.3877, 85.2240, 107.5586**, and **19.5526, 29.6390, 35.7007** is the 20% darker color. If you saturate the color by 10%, you get **39.5352, 57.8599, 68.0283**, and if you desaturate by 10%, it is **44.2298, 60.2189, 71.0122**.

Distribution



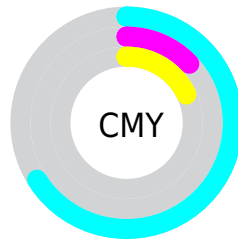
- Red (34%)
- Green (87%)
- Blue (82%)



- Red (34%)
- Yellow (62%)
- Blue (87%)



- Cyan (61%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)





- Cyan (66%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5604, 58.8722, 69.4946 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 41.5604, 58.8722, 69.4946 by changing the saturation by 10% instead.


 41.5604, 58.8722,
69.4946


 41.5604, 58.8722,
69.4946


343.6801,
420.4281, 477.5146


 28.9468, 42.5102,
50.6404


 76.8032, 103.1919,
120.1621


 19.1847, 29.5010,
35.5477


 100.1632,
131.9184, 152.8124

 11.9086, 19.4602,
23.7982


 127.8360,
165.5353, 190.8985

 6.7532, 12.0033,
14.9732

 160.1870,
204.4269, 234.8389

 3.3532, 6.7459,
8.6541

197.5815,
248.9775, 285.0522

 1.3432, 3.3037,
4.4226

240.3850,

 0.2152, 1.2923,

299.5717, 341.9569

1.8599

288.9627,
356.5938, 405.9715

■ 0.0000, 0.1352,
0.4670

■ 0.0000, 0.0000,
0.0000

■ 41.5604, 58.8722,
69.4946

■ 41.5604, 58.8722,
69.4946

■ 39.5352, 57.8599,
68.0283

■ 44.2298, 60.2189,
71.0122

■ 38.0883, 57.1440,
66.6063


■ 47.5911, 61.9205,
72.5794


■ 37.1493, 56.6895,
65.2265


■ 51.6934, 64.0037,
74.2001


■ 36.6204, 56.4436,
63.9900


■ 56.5800, 66.4908,
75.8762

 62.2907, 69.4023,
77.6097

 68.8628, 72.7575,
79.4024

 76.3311, 76.5742,
81.2560

 81.1043, 79.0012,
83.0026

 81.3998, 79.1194,
84.5587

Harmonies

Analogous

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



42.5577, 58.8722, 47.6165



41.5604, 58.8722, 69.4946



44.1030, 58.8722, 95.3741

Triad

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



41.5604, 58.8722, 69.4946



66.0142, 58.8722, 108.2135



62.5335, 58.8722, 30.6549

Complementary

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



41.5604, 58.8722, 69.4946



35.8347, 23.2679, 14.6612

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.



69.7632, 58.8722, 40.5429



41.5604, 58.8722, 69.4946



71.9076, 58.8722, 84.0107

Square

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



41.5604, 58.8722, 69.4946



57.8089, 58.8722, 121.0280



73.3430, 58.8722, 58.9955



54.1437, 58.8722, 28.5901

Rectangle

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



41.5604, 58.8722, 69.4946



47.6268, 58.8722, 110.2978



73.3430, 58.8722, 58.9955



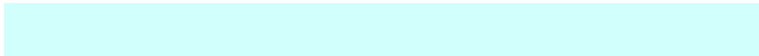
65.2043, 58.8722, 33.0298

Sweetspot

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



41.5621, 58.8745, 69.4960



79.4291, 92.0284, 104.4963



33.1545, 55.6709, 18.0164



16.5378, 19.4618, 22.2195



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.



41.5621, 58.8745, 69.4960



53.5001, 78.8983, 92.5847



31.1199, 35.3077, 74.2845



14.0567, 15.5484, 17.3337



21.7739, 33.5344, 38.1278



1.5260, 2.3311, 2.7311

Inverse Universe

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



35.8347, 23.2679, 14.6612



45.0702, 26.1823, 11.6477



41.3715, 35.2697, 13.6455



13.7606, 13.7219, 14.5095



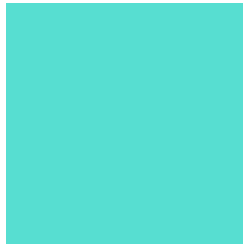
17.9939, 9.2646, 1.3680



1.2658, 0.6496, 0.1927

Previews

White Background



This preview shows how the XYZ color 41.5604, 58.8722, 69.4946 looks on a white background.

Color Contrast Check

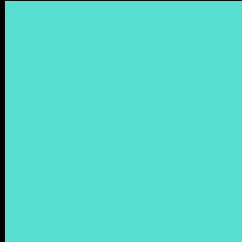
Large Text (above 18pt) WCAG AA × Fail

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 41.5604, 58.8722, 69.4946 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

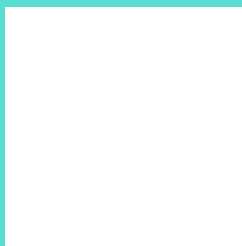
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5604, 58.8722, 69.4946

Background



This preview shows how black text looks on a background with the XYZ color 41.5604, 58.8722, 69.4946.

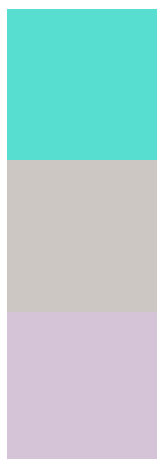


This preview shows how white text looks on a background with the XYZ color 41.5604, 58.8722,

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

41.5604, 58.8722, 69.4946

Protanopia

55.5641, 57.8115, 60.4547

Deuteranopia

59.2214, 58.0826, 72.3797



Tritanopia

45.2487, 58.7956, 88.3207

Trichromacy



Original Color

41.5604, 58.8722, 69.4946



Protanomaly

47.7557, 56.5241, 63.6516



Deuteranomaly

49.7779, 56.6822, 71.2680



Tritanomaly

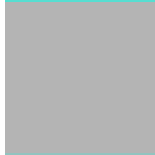
43.6751, 58.5337, 80.9477

Monochromacy



Original Color

41.5604, 58.8722, 69.4946



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

40.7731, 48.9028, 56.5804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5604, 58.8722, 69.4946 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(87, 222, 209)` looks like.

```
.text, #text, p{  
    color:rgb(87, 222, 209)  
}
```

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(87, 222, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 222, 209) }
```

Border

The CSS property to change the border of an element to XYZ 41.5604, 58.8722, 69.4946 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(87, 222, 209) }
```


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

```
.border{ border-color:rgb(87, 222, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 222, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 222, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 222, 209);  
box-shadow:4px 4px 4px 4px rgb(87, 222,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5604, 58.8722, 69.4946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 222, 209) }
```

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

```
.background{ background-color: rgb(87, 222,  
209) }
```

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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