

Converting Colors

XYZ(41.1653, 60.3625, 65.3586)

Have a look what the booklet for
XYZ(41.1653, 60.3625, 65.3586)
contains.

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Color

**XYZ(41.1653, 60.3625,
65.3586)**

Conversions

Conversions Part 1

Format	Color
Hex	50E2CA
RGB	80, 226, 202
RGB Percent	31%, 89%, 79%
CMY	0.6863, 0.1137, 0.2078
CMYK	0.65, 0.00, 0.11, 0.11
HSL	170°, 72%, 60%
HSV	170°, 65%, 89%
XYZ	41.1653, 60.3625, 65.3586
YIQ	179.6100, -79.3120, -38.4160

Conversions

Conversions Part 2

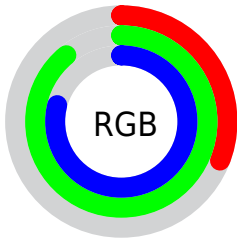
Format	Color
RYB	80, 160, 226
Decimal	5300938
CIELab	82.03, -44.27, 0.31
CIELCh	82, 44.267, 179.593
Yxy	60.3625, 0.2467, 0.3617
Android (android.graphics.Color)	4283491018 (0xFF50E2CA)
YUV	179.6100, 11.0383, -87.3580
Hunter-Lab	77.6933, -41.3862, 4.5083

Details

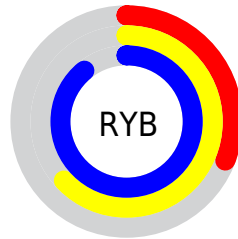
The XYZ color **41.1653, 60.3625, 65.3586** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.7334, 22.9072, 15.5844**, and the grayscale version is **43.1484, 45.3955, 49.4357**.

A 20% lighter version of the original color is **65.3116, 84.6693, 107.5083**, and **19.7200, 30.8876, 32.9395** is the 20% darker color. If you saturate the color by 10%, you get **39.1340, 59.3670, 62.9957**, and if you desaturate by 10%, it is **43.8521, 61.6976, 67.8101**.

Distribution



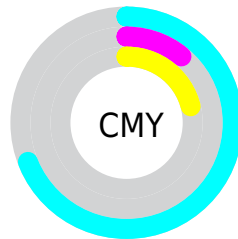
- Red (31%)
- Green (89%)
- Blue (79%)



- Red (31%)
- Yellow (63%)
- Blue (89%)



- Cyan (65%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (69%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1653, 60.3625, 65.3586 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 41.1653, 60.3625, 65.3586 by changing the saturation by 10% instead.

41.1653, 60.3625,
65.3586

41.1653, 60.3625,
65.3586

342.0618,
425.9326, 462.4209

28.6365, 43.7109,
47.2987

76.2079, 105.3553,
114.1835

18.9489, 30.4433,
32.9158

99.4524, 134.4654,
145.7855

11.7372, 20.1753,
21.7914

126.9995,
168.4970, 182.7388

6.6359, 12.5225,
13.5068

159.2146,
207.8346, 225.4617

3.2797, 7.1006,
7.6437

196.4630,
252.8625, 274.3728

1.3034, 3.5251,
3.7833

239.1101,

0.1857, 1.4116,

303.9653, 329.8907

1.5072

287.5213,
361.5272, 392.4339

■ 0.0000, 0.2253,
0.2233

■ 0.0000, 0.0000,
0.0000

■ 41.1653, 60.3625,
65.3586

■ 41.1653, 60.3625,
65.3586

■ 39.1340, 59.3670,
62.9957

■ 43.8521, 61.6976,
67.8101

■ 37.6858, 58.6694,
60.7137


■ 47.2473, 63.3952,
70.3492


■ 36.7399, 58.2296,
58.5097


■ 51.4043, 65.4843,
72.9799


■ 36.3663, 58.0623,
57.3485


■ 56.3699, 67.9890,
75.7049

 62.1869, 70.9313,
78.5266

 68.8953, 74.3319,
81.4471

 76.5324, 78.2101,
84.4686

 82.9639, 81.4654,
87.4916

 83.4966, 81.6784,
90.2967

Harmonies

Analogous

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



43.1848, 60.3625, 42.8998



41.1653, 60.3625, 65.3586



43.0789, 60.3625, 94.6660

Triad

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



41.1653, 60.3625, 65.3586



66.7456, 60.3625, 121.6289



66.9911, 60.3625, 30.4906

Complementary

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



41.1653, 60.3625, 65.3586



36.7334, 22.9072, 15.5844

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.



74.5230, 60.3625, 43.3793



41.1653, 60.3625, 65.3586



74.3707, 60.3625, 95.4781

Square

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



41.1653, 60.3625, 65.3586



57.2448, 60.3625, 132.0655



77.3577, 60.3625, 66.0918



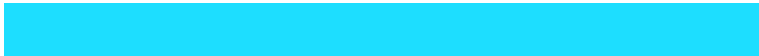
57.5008, 60.3625, 26.4299

Rectangle

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



41.1653, 60.3625, 65.3586



46.4608, 60.3625, 113.4080



77.3577, 60.3625, 66.0918



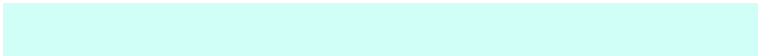
69.8720, 60.3625, 33.7239

Sweetspot

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



41.1670, 60.3648, 65.3600



78.1604, 91.4382, 101.5537



34.3939, 57.9374, 16.9609



16.2651, 19.3367, 21.5088



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.



41.1670, 60.3648, 65.3600



50.6217, 77.6537, 81.6394



32.8257, 38.7749, 77.7084



14.0147, 15.5316, 17.1128



20.7839, 33.1384, 32.9145



1.4668, 2.3074, 2.4191

Inverse Universe

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



36.7334, 22.9072, 15.5844



44.4538, 24.8160, 11.8540



40.6205, 32.3629, 11.6963



13.7987, 13.7371, 14.7101



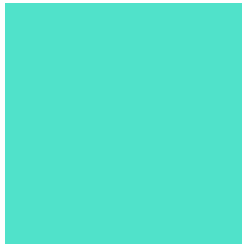
18.1141, 9.3126, 2.0004



1.2839, 0.6568, 0.2878

Previews

White Background



This preview shows how the XYZ color 41.1653, 60.3625, 65.3586 looks on a white background.

Color Contrast Check

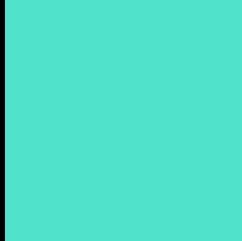
Large Text (above 18pt) WCAG AA × Fail

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 41.1653, 60.3625, 65.3586 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

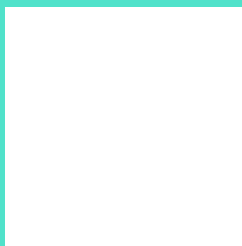
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1653, 60.3625, 65.3586

Background



This preview shows how black text looks on a background with the XYZ color 41.1653, 60.3625, 65.3586.

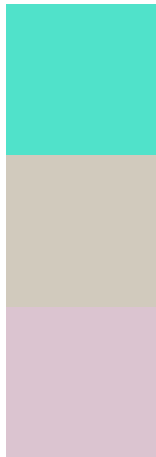


This preview shows how white text looks on a background with the XYZ color 41.1653, 60.3625,

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

41.1653, 60.3625, 65.3586

Protanopia

56.6003, 59.4705, 56.6399

Deuteranopia

60.3385, 59.0940, 67.9006



Tritanopia

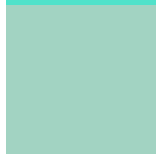
46.2603, 60.4317, 90.8877

Trichromacy



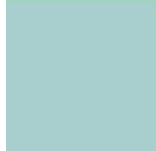
Original Color

41.1653, 60.3625, 65.3586



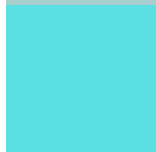
Protanomaly

47.9322, 58.1650, 59.7396



Deuteranomaly

49.6019, 57.4067, 66.8588



Tritanomaly

44.3316, 60.4400, 81.2811

Monochromacy



Original Color

41.1653, 60.3625, 65.3586



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

40.5450, 49.4926, 54.9930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1653, 60.3625, 65.3586 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(80, 226, 202)` looks like.

```
.text, #text, p{  
    color:rgb(80, 226, 202)  
}
```

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(80, 226, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 226, 202) }
```

Border

The CSS property to change the border of an element to XYZ 41.1653, 60.3625, 65.3586 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(80, 226, 202) }
```


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

```
.border{ border-color:rgb(80, 226, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 226, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 226, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 226, 202);  
box-shadow:4px 4px 4px 4px rgb(80, 226,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1653, 60.3625, 65.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 226, 202) }
```

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

```
.background{ background-color: rgb(80, 226,  
202) }
```

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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