

Converting Colors

XYZ(40.9003, 57.0438, 65.9816)

Have a look what the booklet for
XYZ(40.9003, 57.0438, 65.9816)
contains.

XYZ(40.9003, 57.0438, 65.9816)	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(40.9003, 57.0438,
65.9816)**

Conversions

Conversions Part 1

Format	Color
Hex	61DACC
RGB	97, 218, 204
RGB Percent	38%, 85%, 80%
CMY	0.6196, 0.1451, 0.2000
CMYK	0.56, 0.00, 0.06, 0.15
HSL	173°, 62%, 62%
HSV	173°, 56%, 85%
XYZ	40.9003, 57.0438, 65.9816
YIQ	180.2250, -67.6220, -30.0060

Conversions

Conversions Part 2

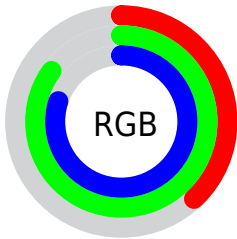
Format	Color
RYB	97, 161, 218
Decimal	6413004
CIELab	80.20, -37.19, -3.38
CIElCh	80, 37.342, 185.188
Yxy	57.0438, 0.2495, 0.3480
Android (android.graphics.Color)	4284603084 (0xFF61DACC)
YUV	180.2250, 11.7211, -72.9883
Hunter-Lab	75.5273, -35.5098, 1.0727

Details

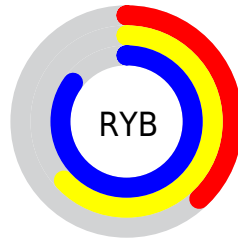
The XYZ color **40.9003, 57.0438, 65.9816** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **36.0594, 24.6043, 17.8897**, and the grayscale version is **43.4699, 45.7337, 49.8040**.

A 20% lighter version of the original color is **67.7146, 85.9081, 107.6207**, and **18.7138, 28.1914, 33.3093** is the 20% darker color. If you saturate the color by 10%, you get **38.5891, 55.8884, 64.3078**, and if you desaturate by 10%, it is **43.8579, 58.5346, 67.7138**.

Distribution



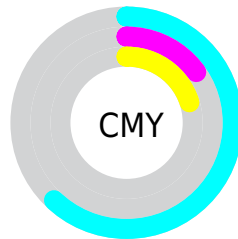
- Red (38%)
- Green (85%)
- Blue (80%)



- Red (38%)
- Yellow (63%)
- Blue (85%)



- Cyan (56%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (62%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9003, 57.0438, 65.9816 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 40.9003, 57.0438, 65.9816 by changing the saturation by 10% instead.

40.9003, 57.0438,
65.9816

40.9003, 57.0438,
65.9816

340.9735,
413.6134, 464.7135

28.4285, 41.0404,
47.8011

75.8082, 100.5291,
115.0867

18.7910, 28.3507,
33.3105

98.9750, 128.7798,
146.8483

11.6225, 18.5902,
22.0914

126.4375,
161.8817, 183.9741

6.5575, 11.3745,
13.7251

158.5611,
200.2192, 226.8825

3.2308, 6.3193,
7.7931

195.7112,
244.1768, 275.9921

1.2770, 3.0402,
3.8770

238.2530,

0.1659, 1.1528,

294.1387, 331.7214

1.5581

286.5520,
350.4895, 394.4890

■ 0.0000, 0.0226,
0.2607

■ 0.0000, 0.0000,
0.0000

■ 40.9003, 57.0438,
65.9816

■ 40.9003, 57.0438,
65.9816

■ 38.5891, 55.8884,
64.3078

■ 43.8579, 58.5346,
67.7138

■ 36.8656, 55.0340,
62.6857


■ 47.5045, 60.3787,
69.5026


■ 35.6690, 54.4507,
61.1136


■ 51.8848, 62.6004,
71.3517


■ 34.9226, 54.0989,
59.5878

■ 57.0386, 65.2203,
73.2628


 34.6730, 53.9849,
58.9138

 63.0024, 68.2573,
75.2380

 69.8107, 71.7289,
77.2788

 77.4958, 75.6521,
79.3869

 79.7918, 76.7964,
81.2693

 80.1369, 76.9344,
83.0868

Harmonies

Analogous

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



41.9804, 57.0438, 46.1181



40.9003, 57.0438, 65.9816



43.1071, 57.0438, 89.5557

Triad

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



40.9003, 57.0438, 65.9816



63.1045, 57.0438, 103.0889



60.6003, 57.0438, 31.2855

Complementary

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



40.9003, 57.0438, 65.9816



36.0594, 24.6043, 17.8897

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.



67.0918, 57.0438, 40.9383



40.9003, 57.0438, 65.9816



68.6298, 57.0438, 81.4301

Square

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



40.9003, 57.0438, 65.9816



55.5536, 57.0438, 113.9542



70.1530, 57.0438, 58.3948



52.9048, 57.0438, 29.0008

Rectangle

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



40.9003, 57.0438, 65.9816



46.2790, 57.0438, 103.3099



70.1530, 57.0438, 58.3948



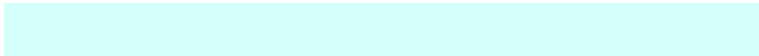
63.0176, 57.0438, 33.6438

Sweetspot

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



40.9020, 57.0460, 65.9829



80.0633, 92.3662, 104.0376



33.8012, 54.3952, 20.0285



16.8065, 19.6022, 22.1492



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.



40.9020, 57.0460, 65.9829



54.4581, 79.4232, 91.2309



32.2662, 36.9648, 71.7664



13.3766, 14.8023, 16.4460



20.7978, 32.3517, 35.4302



1.3662, 2.1034, 2.3944

Inverse Universe

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



36.0594, 24.6043, 17.8897



46.9167, 28.6218, 16.1274



40.9533, 35.5308, 16.0104



13.1170, 13.0759, 13.8775



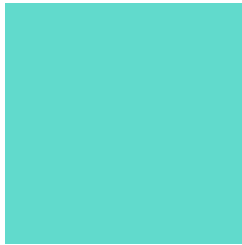
17.4490, 8.9806, 1.4787



1.1513, 0.5902, 0.2058

Previews

White Background



This preview shows how the XYZ color 40.9003, 57.0438, 65.9816 looks on a white background.

Color Contrast Check

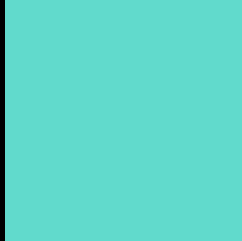
Large Text (above 18pt) WCAG AA × Fail

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 40.9003, 57.0438, 65.9816 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

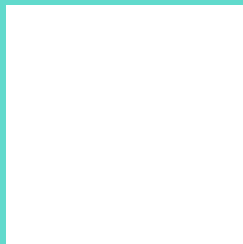
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9003, 57.0438, 65.9816

Background



This preview shows how black text looks on a background with the XYZ color 40.9003, 57.0438, 65.9816.

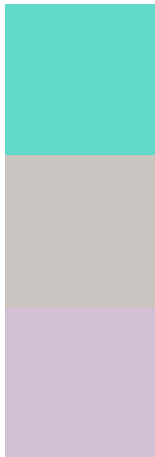


This preview shows how white text looks on a background with the XYZ color 40.9003, 57.0438,

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

40.9003, 57.0438, 65.9816

Protanopia

53.8378, 56.2948, 57.8976

Deuteranopia

57.3465, 56.2013, 68.7982



Tritanopia

44.5338, 56.9885, 84.2540

Trichromacy



Original Color

40.9003, 57.0438, 65.9816



Protanomaly

47.1050, 55.5407, 60.4623



Deuteranomaly

48.8494, 54.8734, 67.6915



Tritanomaly

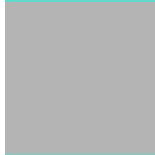
42.9451, 56.7049, 77.0883

Monochromacy



Original Color

40.9003, 57.0438, 65.9816



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

41.0548, 48.7417, 55.3884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9003, 57.0438, 65.9816 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(97, 218, 204)` looks like.

```
.text, #text, p{  
    color:rgb(97, 218, 204)  
}
```

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(97, 218, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 218, 204) }
```

Border

The CSS property to change the border of an element to XYZ 40.9003, 57.0438, 65.9816 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(97, 218, 204) }
```


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

```
.border{ border-color:rgb(97, 218, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 218, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 218, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 218, 204);  
box-shadow:4px 4px 4px 4px rgb(97, 218,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9003, 57.0438, 65.9816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 218, 204) }
```

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

```
.background{ background-color: rgb(97, 218,  
204) }
```

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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