

Converting Colors

XYZ(30.0059, 40.0050, 61.3986)

Have a look what the booklet for
XYZ(30.0059, 40.0050, 61.3986)
contains.

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Color

**XYZ(30.0059, 40.0050,
61.3986)**

Conversions

Conversions Part 1

Format	Color
Hex	40B9C9
RGB	64, 185, 201
RGB Percent	25%, 73%, 79%
CMY	0.7490, 0.2745, 0.2118
CMYK	0.68, 0.08, 0.00, 0.21
HSL	187°, 56%, 52%
HSV	187°, 68%, 79%
XYZ	30.0059, 40.0050, 61.3986
YIQ	150.6450, -77.2520, -20.6760

Conversions

Conversions Part 2

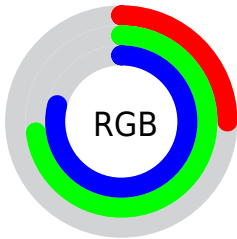
Format	Color
RYB	64, 128, 201
Decimal	4241865
CIELab	69.47, -27.96, -17.87
CIELCh	69, 33.183, 212.574
Yxy	40.0050, 0.2283, 0.3044
Android (android.graphics.Color)	4282431945 (0xFF40B9C9)
YUV	150.6450, 24.8250, -75.9877
Hunter-Lab	63.2495, -26.0053, -13.2803

Details

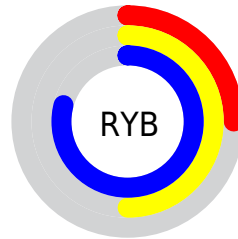
The XYZ color **30.0059, 40.0050, 61.3986** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **27.8824, 18.5261, 6.9579**, and the grayscale version is **29.1863, 30.7062, 33.4391**.

A 20% lighter version of the original color is **58.5586, 74.7977, 105.9588**, and **13.3828, 18.3392, 30.4382** is the 20% darker color. If you saturate the color by 10%, you get **28.4400, 38.4756, 61.1867**, and if you desaturate by 10%, it is **32.0533, 41.7963, 61.6372**.

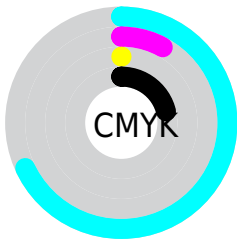
Distribution



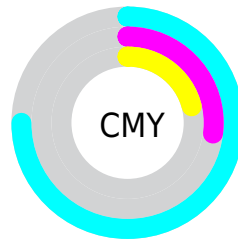
- Red (25%)
- Green (73%)
- Blue (79%)



- Red (25%)
- Yellow (50%)
- Blue (79%)



- Cyan (68%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (75%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0059, 40.0050, 61.3986 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 30.0059, 40.0050, 61.3986 by changing the saturation by 10% instead.

■ 30.0059, 40.0050,
61.3986

■ 30.0059, 40.0050,
61.3986

293.8413,
346.1446, 447.6809

■ 19.9912, 27.5424,
44.1143

■ 59.0581, 75.1711,
108.4190

■ 12.4968, 17.9810,
30.4225

■ 78.8262, 98.6435,
138.9922

■ 7.1576, 10.9364,
19.9047

■ 102.5762,
126.5546, 174.8321

■ 3.6081, 6.0241,
12.1424

■ 130.6734,
159.2888, 216.3572

■ 1.4829, 2.8597,
6.7170

■ 163.4831,
197.2305, 263.9861

■ 0.3141, 1.0589,
3.2100

201.3708,

■ 0.0000, 0.0000,

240.7641, 318.1373

1.2028

244.7017,
290.2740, 379.2294

■ 0.0000, 0.0000,
0.0000

■ 30.0059, 40.0050,
61.3986

■ 30.0059, 40.0050,
61.3986

■ 28.4400, 38.4756,
61.1867

■ 32.0533, 41.7963,
61.6372

■ 27.2984, 37.1761,
60.9960

■ 34.6238, 43.8686,
61.9017

■ 26.5018, 36.0663,
60.8238

■ 37.7590, 46.2441,
62.1950

■ 26.3694, 35.8704,
60.7930

■ 41.4949, 48.9416,
62.5187

■ 45.8648, 51.9781,
62.8745

■ 50.8993, 55.3695,
63.2638

■ 56.6271, 59.1307,
63.6879

■ 63.0753, 63.2757,
64.1481

■ 70.2693, 67.8177,
64.6456

Harmonies

Analogous

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



28.6554, 40.0050, 44.8933



30.0059, 40.0050, 61.3986



33.4847, 40.0050, 75.2441

Triad

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



30.0059, 40.0050, 61.3986



47.8916, 40.0050, 58.5664



37.5641, 40.0050, 20.2800

Complementary

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



30.0059, 40.0050, 61.3986



27.8824, 18.5261, 6.9579

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.



42.9551, 40.0050, 22.3132



30.0059, 40.0050, 61.3986



49.2388, 40.0050, 42.2507

Square

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



30.0059, 40.0050, 61.3986



43.8276, 40.0050, 73.3580



47.3556, 40.0050, 29.5597



32.7559, 40.0050, 23.1698

Rectangle

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



30.0059, 40.0050, 61.3986



36.7110, 40.0050, 79.7367



47.3556, 40.0050, 29.5597



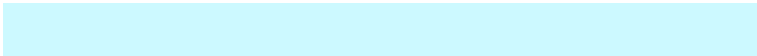
39.3671, 40.0050, 20.4107

Sweetspot

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



30.0072, 40.0065, 61.3996



76.8412, 87.8360, 107.5118



24.4493, 43.4431, 14.6842



15.9810, 18.4782, 22.9743



0.0000, 0.0000, 0.0000



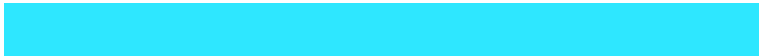
20.3446, 21.4041, 23.3091

Same Dimension

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



30.0072, 40.0065, 61.3996



47.6310, 64.7161, 104.5888



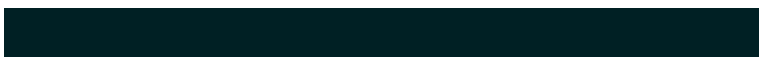
18.9633, 17.9187, 57.7183



10.8369, 11.8479, 13.6332



16.6235, 22.6409, 38.2383



0.8178, 1.1335, 1.8208

Inverse Universe

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



34.6788, 19.5882, 47.8537



56.5778, 28.9521, 77.8978



35.6798, 34.1208, 9.5570



11.0277, 10.7945, 13.1292



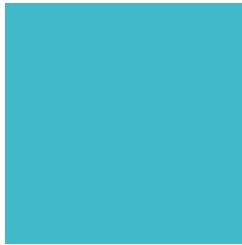
20.1901, 9.8256, 27.2746



0.9715, 0.4714, 1.3731

Previews

White Background



This preview shows how the XYZ color 30.0059, 40.0050, 61.3986 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 30.0059, 40.0050, 61.3986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

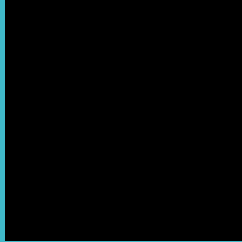
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.0059, 40.0050, 61.3986

Background



This preview shows how black text looks on a background with the XYZ color 30.0059, 40.0050, 61.3986.

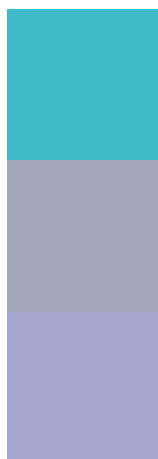


This preview shows how white text looks on a background with the XYZ color 30.0059, 40.0050,

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

30.0059, 40.0050, 61.3986

Protanopia

38.5211, 39.3109, 53.7016

Deuteranopia

40.2005, 39.4250, 63.2486



Tritanopia

29.8886, 39.9580, 60.7810

Trichromacy



Original Color

30.0059, 40.0050, 61.3986

Protanomaly

33.6638, 38.7116, 56.1499

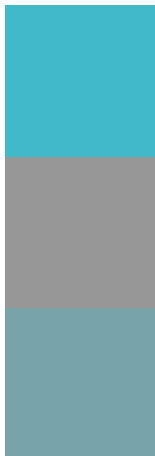
Deuteranomaly

34.7049, 38.5318, 62.7350

Tritanomaly

29.8886, 39.9580, 60.7810

Monochromacy



Original Color

30.0059, 40.0050, 61.3986

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.8664, 32.9809, 42.4334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0059, 40.0050, 61.3986 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(64, 185, 201)` looks like.

```
.text, #text, p{  
    color:rgb(64, 185, 201)  
}
```

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(64, 185, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 185, 201) }
```

Border

The CSS property to change the border of an element to XYZ 30.0059, 40.0050, 61.3986 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(64, 185, 201) }
```


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

```
.border{ border-color:rgb(64, 185, 201) }
```

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

Here you see how a box with a 4 pixel rgb(64, 185, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 185, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 185, 201);  
box-shadow:4px 4px 4px 4px rgb(64, 185,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0059, 40.0050, 61.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 185, 201) }
```

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

```
.background{ background-color: rgb(64, 185,  
201) }
```

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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