

Converting Colors

XYZ(13.6600, 28.9360, 57.4219)

Have a look what the booklet for
XYZ(13.6600, 28.9360, 57.4219)
contains.

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Color

**XYZ(25.6034, 35.0819,
58.2454)**

Conversions

Conversions Part 1

Format	Color
Hex	00B0C5
RGB	0, 176, 197
RGB Percent	0%, 69%, 77%
CMY	0.9998, 0.3098, 0.2274
CMYK	1.00, 0.11, 0.00, 0.23
HSL	186°, 100%, 39%
HSV	186°, 100%, 77%
XYZ	25.6034, 35.0819, 58.2454
YIQ	125.7700, -111.6370, -30.7810

Conversions

Conversions Part 2

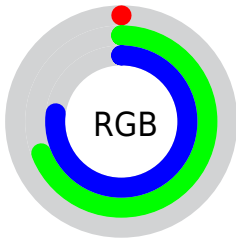
Format	Color
RYB	0, 93, 197
Decimal	45253
CIELab	65.81, -29.72, -21.30
CIELCh	66, 36.566, 215.624
Yxy	35.0819, 0.2153, 0.2950
Android (android.graphics.Color)	4278235333 (0xFF00B0C5)
YUV	125.7700, 35.1164, -110.3003
Hunter-Lab	59.2300, -26.4921, -16.8434

Details

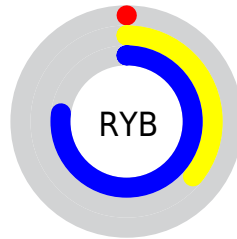
The XYZ color **25.6034, 35.0819, 58.2454** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **23.2955, 12.4085, 1.1685**, and the grayscale version is **19.6697, 20.6941, 22.5359**.

A 20% lighter version of the original color is **52.1128, 67.6357, 104.0743**, and **12.0409, 16.1491, 28.4691** is the 20% darker color. If you saturate the color by 10%, you get **25.6031, 35.0811, 58.2459**, and if you desaturate by 10%, it is **26.3023, 36.0590, 58.3978**.

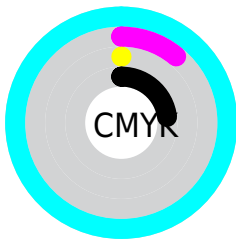
Distribution



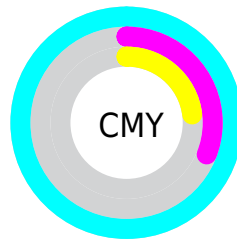
- Red (0%)
- Green (69%)
- Blue (77%)



- Red (0%)
- Yellow (36%)
- Blue (77%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6034, 35.0819, 58.2454 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 25.6034, 35.0819, 58.2454 by changing the saturation by 10% instead.

■ 25.6034, 35.0819,
58.2454

■ 25.6034, 35.0819,
58.2454

273.1223,
324.9297, 435.7235

■ 16.6583, 23.7260,
41.5900

■ 52.0703, 67.6126,
103.7984

■ 10.0850, 15.1305,
28.4572

■ 70.3228, 89.5562,
133.5331

■ 5.5180, 8.9110,
18.4285

■ 92.4085, 115.7978,
168.4646

■ 2.5921, 4.6832,
11.0855

■ 118.6928,
146.7218, 209.0115

■ 0.9419, 2.0626,
6.0095

■ 149.5409,
182.7126, 255.5923

■ 0.0000, 0.6435,
2.7820

185.3183,

■ 0.0000, 0.0000,

224.1546, 308.6255

0.9844

226.3903,
271.4321, 368.5297

■ 0.0000, 0.0000,
0.0000

■ 25.6034, 35.0819,
58.2454

■ 25.6034, 35.0819,
58.2454

■ 25.6031, 35.0811,
58.2459

■ 26.3023, 36.0590,
58.3978

■ 27.2941, 37.1959,
58.5650

■ 28.6805, 38.5458,
58.7525

■ 30.5142, 40.1358,
58.9628

■ 32.8394, 41.9889,
59.1979

■ 35.6952, 44.1252,
59.4597

■ 39.1167, 46.5628,
59.7499

■ 43.1358, 49.3182,
60.0699

■ 47.7822, 52.4068,
60.4212

Harmonies

Analogous

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



24.0501, 35.0819, 41.1839



25.6034, 35.0819, 58.2454



29.2438, 35.0819, 72.1489

Triad

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



25.6034, 35.0819, 58.2454



43.7128, 35.0819, 51.8177



32.3381, 35.0819, 15.6055

Complementary

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



25.6034, 35.0819, 58.2454



23.2955, 12.4085, 1.1685

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.



37.8113, 35.0819, 17.0259



25.6034, 35.0819, 58.2454



44.7691, 35.0819, 35.3604

Square

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



25.6034, 35.0819, 58.2454



39.7583, 35.0819, 67.7915



42.5066, 35.0819, 23.3763



27.6601, 35.0819, 18.7817

Rectangle

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



25.6034, 35.0819, 58.2454



32.5590, 35.0819, 76.1343



42.5066, 35.0819, 23.3763



34.1421, 35.0819, 15.5745

Sweetspot

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



25.6045, 35.0832, 58.2463



69.7381, 83.1703, 106.9856



20.0910, 39.9829, 7.3083



14.3427, 17.3898, 22.8506



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.



25.6045, 35.0832, 58.2463



45.7420, 62.6040, 104.2807



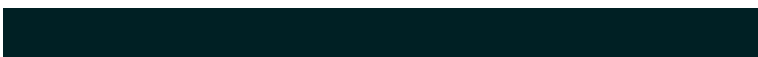
12.8622, 9.5985, 53.9988



10.8464, 11.8669, 13.6364



16.8769, 23.1478, 38.3228



0.8275, 1.1529, 1.8241

Inverse Universe

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



30.8635, 15.0061, 42.3453



55.2176, 26.8511, 75.5352



29.5307, 24.8789, 3.2469



11.0325, 10.7964, 13.1544



20.3180, 9.8768, 27.9483



0.9764, 0.4734, 1.3989

Previews

White Background



This preview shows how the XYZ color 25.6034, 35.0819, 58.2454 looks on a white background.

Color Contrast Check

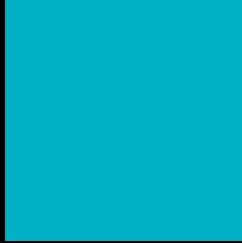
Large Text (above 18pt) WCAG AA × Fail

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 25.6034, 35.0819, 58.2454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

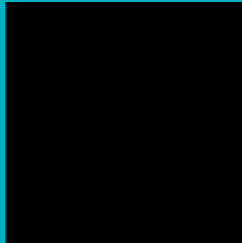
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6034, 35.0819, 58.2454

Background



This preview shows how black text looks on a background with the XYZ color 25.6034, 35.0819, 58.2454.



This preview shows how white text looks on a background with the XYZ color 25.6034, 35.0819,

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

25.6034, 35.0819, 58.2454

Protanopia

34.2050, 34.7844, 50.2587

Deuteranopia

35.4980, 34.7166, 60.7071



Tritanopia

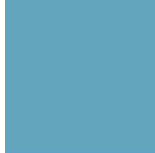
25.1261, 35.2059, 54.7613

Trichromacy



Original Color

25.6034, 35.0819, 58.2454



Protanomaly

27.6774, 33.1811, 53.0899



Deuteranomaly

28.4523, 32.9059, 59.4955



Tritanomaly

25.3478, 35.2945, 55.9286

Monochromacy



Original Color

25.6034, 35.0819, 58.2454



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

18.9490, 23.9190, 33.3239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6034, 35.0819, 58.2454 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(0, 176, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 176, 197)  
}
```

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(0, 176, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 176, 197) }
```

Border

The CSS property to change the border of an element to XYZ 25.6034, 35.0819, 58.2454 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(0, 176, 197) }
```


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

```
.border{ border-color:rgb(0, 176, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 176, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 176, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 176, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 176,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6034, 35.0819, 58.2454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 176, 197) }
```

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

```
.background{ background-color: rgb(0, 176,  
197) }
```

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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