

Converting Colors

XYZ(26.1777, 35.4024, 60.9899)

Have a look what the booklet for
XYZ(26.1777, 35.4024, 60.9899)
contains.

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Color

**XYZ(26.0679, 35.2677,
60.6918)**

Conversions

Conversions Part 1

Format	Color
Hex	00B0C9
RGB	0, 176, 201
RGB Percent	0%, 69%, 79%
CMY	0.9998, 0.3098, 0.2118
CMYK	1.00, 0.12, 0.00, 0.21
HSL	187°, 100%, 39%
HSV	187°, 100%, 79%
XYZ	26.0679, 35.2677, 60.6918
YIQ	126.2260, -112.9210, -29.5370

Conversions

Conversions Part 2

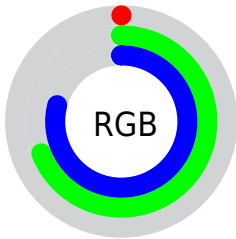
Format	Color
RYB	0, 94, 201
Decimal	45257
CIELab	65.96, -28.40, -23.29
CIELCh	66, 36.733, 219.353
Yxy	35.2677, 0.2136, 0.2890
Android (android.graphics.Color)	4278235337 (0xFF00B0C9)
YUV	126.2260, 36.8636, -110.7002
Hunter-Lab	59.3866, -25.5736, -19.0224

Details

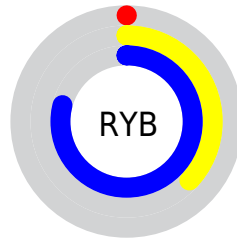
The XYZ color **26.0679, 35.2677, 60.6918** is a dark color, and the websafe version is hex **339999**. The color can be described as dark washed azure. A complement of this color would be **24.4364, 13.1147, 1.2446**, and the grayscale version is **19.8185, 20.8506, 22.7063**.

A 20% lighter version of the original color is **52.3861, 67.7580, 104.9253**, and **12.3494, 16.2725, 30.0938** is the 20% darker color. If you saturate the color by 10%, you get **26.0676, 35.2668, 60.6923**, and if you desaturate by 10%, it is **26.8547, 36.4085, 60.8712**.

Distribution



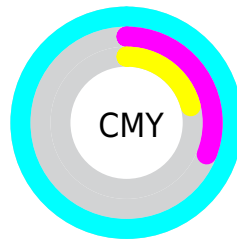
- Red (0%)
- Green (69%)
- Blue (79%)



- Red (0%)
- Yellow (37%)
- Blue (79%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0679, 35.2677, 60.6918 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 26.0679, 35.2677, 60.6918 by changing the saturation by 10% instead.

■ 26.0679, 35.2677,
60.6918

■ 26.0679, 35.2677,
60.6918

275.3658,
325.7484, 445.0183

■ 17.0074, 23.8692,
43.5475

■ 52.8150, 67.9003,
107.3857

■ 10.3351, 15.2366,
29.9804

■ 71.2323, 89.9031,
137.7725

■ 5.6857, 8.9856,
19.5718

■ 93.4992, 116.2095,
173.4105

■ 2.6937, 4.7318,
11.9032

■ 119.9811,
147.2038, 214.7183

■ 0.9940, 2.0908,
6.5560

■ 151.0434,
183.2704, 262.1145

■ 0.0000, 0.6594,
3.1118

187.0514,

■ 0.0000, 0.0000,

224.7938, 316.0175

1.1520

228.3704,
272.1583, 376.8459

■ 0.0000, 0.0000,
0.0000

■ 26.0679, 35.2677,
60.6918

■ 26.0679, 35.2677,
60.6918

■ 26.0676, 35.2668,
60.6923

■ 26.8547, 36.4085,
60.8712

■ 27.9517, 37.7221,
61.0669

■ 29.4644, 39.2634,
61.2847

■ 31.4480, 41.0612,
61.5272

■ 33.9493, 43.1396,
61.7965

■ 37.0094, 45.5197,
62.0946

■ 40.6649, 48.2207,
62.4233

■ 44.9497, 51.2599,
62.7841

■ 49.8947, 54.6534,
63.1785

Harmonies

Analogous

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



24.2256, 35.2677, 43.4757



26.0679, 35.2677, 60.6918



29.9673, 35.2677, 73.7937

Triad

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



26.0679, 35.2677, 60.6918



44.2889, 35.2677, 49.9578



31.8501, 35.2677, 15.7828

Complementary

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



26.0679, 35.2677, 60.6918



24.4364, 13.1147, 1.2446

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.



37.3449, 35.2677, 16.6411



26.0679, 35.2677, 60.6918



44.9333, 35.2677, 33.7365

Square

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



26.0679, 35.2677, 60.6918



40.5982, 35.2677, 66.5240



42.2741, 35.2677, 22.3694



27.3180, 35.2677, 19.5866

Rectangle

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



26.0679, 35.2677, 60.6918



33.4029, 35.2677, 76.8040



42.2741, 35.2677, 22.3694



33.6392, 35.2677, 15.5648

Sweetspot

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



26.0690, 35.2690, 60.6927



69.3240, 82.3421, 106.8476



21.0470, 41.8379, 7.8026



14.2422, 17.1889, 22.8171



0.0000, 0.0000, 0.0000



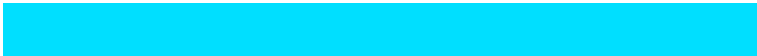
20.3446, 21.4041, 23.3091

Same Dimension

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



26.0690, 35.2690, 60.6927



44.5123, 60.1446, 103.8708



13.2024, 9.5356, 56.4038



10.8298, 11.8337, 13.6308



16.4360, 22.2660, 38.1759



0.8107, 1.1191, 1.8184

Inverse Universe

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



31.9248, 15.5532, 42.3950



54.5970, 26.6028, 72.2668



31.2913, 26.8245, 3.5295



11.0241, 10.7930, 13.1103



20.0955, 9.7878, 26.7764



0.9679, 0.4700, 1.3540

Previews

White Background



This preview shows how the XYZ color 26.0679, 35.2677, 60.6918 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 26.0679, 35.2677, 60.6918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

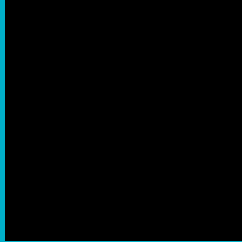
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.0679, 35.2677, 60.6918

Background



This preview shows how black text looks on a background with the XYZ color 26.0679, 35.2677, 60.6918.



This preview shows how white text looks on a background with the XYZ color 26.0679, 35.2677,

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

26.0679, 35.2677, 60.6918

Protanopia

34.4408, 34.8569, 52.4898

Deuteranopia

35.4856, 34.6687, 62.5791



Tritanopia

25.1261, 35.2059, 54.7613

Trichromacy



Original Color

26.0679, 35.2677, 60.6918



Protanomaly

28.0105, 33.3019, 55.4037



Deuteranomaly

28.7156, 32.9869, 61.9804



Tritanomaly

25.5725, 35.3844, 57.1118

Monochromacy



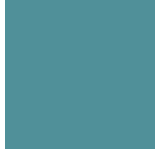
Original Color

26.0679, 35.2677, 60.6918



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

19.0313, 23.9519, 33.7571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0679, 35.2677, 60.6918 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 176, 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(0, 176, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 176, 201) }
```

Border

The CSS property to change the border of an element to XYZ 26.0679, 35.2677, 60.6918 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, 201) }
```


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

```
.border{ border-color:rgb(0, 176, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 176, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 176, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 176,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0679, 35.2677, 60.6918 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, 201) }
```

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

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