

Converting Colors

XYZ(18.0035, 19.1388, 58.0036)

Have a look what the booklet for
XYZ(18.0035, 19.1388, 58.0036)
contains.

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Color

**XYZ(18.0035, 19.1388,
58.0036)**

Conversions

Conversions Part 1

Format	Color
Hex	007EC9
RGB	0, 126, 201
RGB Percent	0%, 49%, 79%
CMY	0.9998, 0.5059, 0.2118
CMYK	1.00, 0.37, 0.00, 0.21
HSL	202°, 100%, 39%
HSV	202°, 100%, 79%
XYZ	18.0035, 19.1388, 58.0036
YIQ	96.8760, -99.1710, -3.3870

Conversions

Conversions Part 2

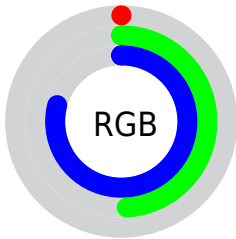
Format	Color
RYB	0, 77, 201
Decimal	32457
CIELab	50.85, -0.99, -46.87
CIELCh	51, 46.883, 268.787
Yxy	19.1388, 0.1892, 0.2012
Android (android.graphics.Color)	4278222537 (0xFF007EC9)
YUV	96.8760, 51.3331, -84.9603
Hunter-Lab	43.7479, -3.1011, -47.9867

Details

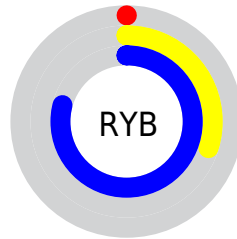
The XYZ color **18.0035, 19.1388, 58.0036** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **26.6070, 17.4560, 1.9683**, and the grayscale version is **11.2310, 11.8159, 12.8675**.

A 20% lighter version of the original color is **39.0074, 41.6575, 100.5925**, and **7.9127, 7.5241, 28.2294** is the 20% darker color. If you saturate the color by 10%, you get **18.0015, 19.1347, 58.0034**, and if you desaturate by 10%, it is **19.2907, 21.2804, 58.3496**.

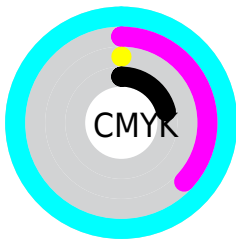
Distribution



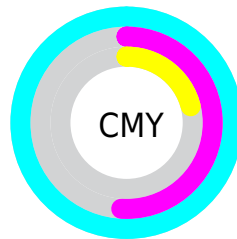
- Red (0%)
- Green (49%)
- Blue (79%)



- Red (0%)
- Yellow (30%)
- Blue (79%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (51%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0035, 19.1388, 58.0036 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 18.0035, 19.1388, 58.0036 by changing the saturation by 10% instead.

■ 18.0035, 19.1388,
58.0036

■ 18.0035, 19.1388,
58.0036

233.9360,
247.2139, 434.7980

■ 11.0522, 11.7706,
41.3968

■ 39.5733, 41.9685,
103.4429

■ 6.1695, 6.5877,
28.3072

■ 54.9226, 58.1988,
133.1126

■ 2.9901, 3.2056,
18.3163

■ 73.8018, 78.1520,
167.9736

■ 1.1485, 1.2400,
11.0056

■ 96.5765, 102.2123,
208.4445

■ 0.0651, 0.0940,
5.9564

■ 123.6119,
130.7643, 254.9438

■ 0.0000, 0.0000,
2.7502

■ 155.2733,

■ 0.0000, 0.0000,

164.1923, 307.8902

0.9685

191.9262,
202.8807, 367.7020

■ 0.0000, 0.0000,
0.0000

■ 18.0035, 19.1388,
58.0036

■ 18.0035, 19.1388,
58.0036

■ 18.0015, 19.1347,
58.0034

■ 19.2907, 21.2804,
58.3496

■ 20.9529, 23.7242,
58.7337

■ 23.0966, 26.5275,
59.1618

■ 25.7785, 29.7216,
59.6369

■ 29.0467, 33.3333,
60.1618

■ 32.9433, 37.3865,
60.7388

■ 37.5067, 41.9028,
61.3700

■ 42.7716, 46.9020,
62.0575

■ 48.7704, 52.4028,
62.8030

Harmonies

Analogous

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



13.9665, 19.1388, 51.0307



18.0035, 19.1388, 58.0036



22.8105, 19.1388, 52.0152

Triad

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



18.0035, 19.1388, 58.0036



27.1353, 19.1388, 10.8353



11.6046, 19.1388, 10.2434

Complementary

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



18.0035, 19.1388, 58.0036



26.6070, 17.4560, 1.9683

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.



14.2413, 19.1388, 5.5530



18.0035, 19.1388, 58.0036



23.1912, 19.1388, 5.7790

Square

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



18.0035, 19.1388, 58.0036



28.5905, 19.1388, 21.3820



18.3795, 19.1388, 4.3527



10.6793, 19.1388, 20.3051

Rectangle

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



18.0035, 19.1388, 58.0036



25.7213, 19.1388, 42.4849



18.3795, 19.1388, 4.3527



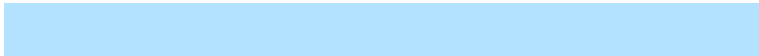
12.2955, 19.1388, 8.1734

Sweetspot

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



18.0043, 19.1394, 58.0041



63.8437, 71.3815, 105.0208



22.1143, 42.2647, 13.4232



12.9243, 14.5531, 22.3778



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.



18.0043, 19.1394, 58.0041



30.5914, 32.3028, 99.2305



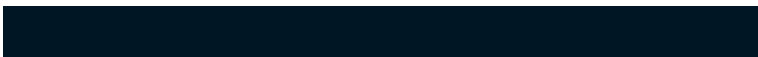
10.9315, 4.9939, 55.6465



10.6012, 11.3765, 13.5546



11.4088, 12.2116, 36.5001



0.6080, 0.7139, 1.7509

Inverse Universe

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



27.8540, 13.9250, 20.9588



47.5703, 23.7921, 35.2650



39.2638, 42.7697, 6.1873



10.9087, 10.7469, 12.5027



17.5580, 8.7728, 13.4142



0.8656, 0.4291, 0.8154

Previews

White Background



This preview shows how the XYZ color 18.0035, 19.1388, 58.0036 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0035, 19.1388, 58.0036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

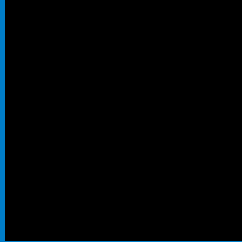
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.0035, 19.1388, 58.0036

Background



This preview shows how black text looks on a background with the XYZ color 18.0035, 19.1388, 58.0036.



This preview shows how white text looks on a background with the XYZ color 18.0035, 19.1388,

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

18.0035, 19.1388, 58.0036

Protanopia

20.5304, 19.0761, 53.6389

Deuteranopia

19.8002, 19.3072, 58.5602



Tritanopia

13.5591, 19.0638, 29.3506

Trichromacy



Original Color

18.0035, 19.1388, 58.0036

Protanomaly

18.6603, 18.6055, 55.4310

Deuteranomaly

18.6581, 18.9016, 58.5421

Tritanomaly

14.9078, 18.9492, 38.4691

Monochromacy



Original Color

18.0035, 19.1388, 58.0036

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.7223, 13.4985, 24.9093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0035, 19.1388, 58.0036 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, 126, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 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, 126, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 201) }
```

Border

The CSS property to change the border of an element to XYZ 18.0035, 19.1388, 58.0036 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, 126, 201) }
```


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

```
.border{ border-color:rgb(0, 126, 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, 126, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0035, 19.1388, 58.0036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 201) }
```

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

```
.background{ background-color: rgb(0, 126,  
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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