

Converting Colors

XYZ(18.0869, 17.3910, 57.0471)

Have a look what the booklet for
XYZ(18.0869, 17.3910, 57.0471)
contains.

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Color

**XYZ(18.0869, 17.3910,
57.0471)**

Conversions

Conversions Part 1

Format	Color
Hex	3474C8
RGB	52, 116, 200
RGB Percent	20%, 45%, 78%
CMY	0.7960, 0.5451, 0.2157
CMYK	0.74, 0.42, 0.00, 0.22
HSL	214°, 59%, 49%
HSV	214°, 74%, 78%
XYZ	18.0869, 17.3910, 57.0471
YIQ	106.4400, -65.1080, 12.5560

Conversions

Conversions Part 2

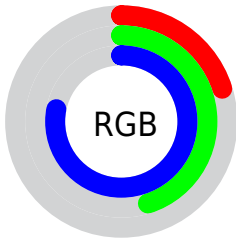
Format	Color
RYB	52, 97, 200
Decimal	3437768
CIELab	48.75, 8.50, -49.60
CIELCh	49, 50.321, 279.728
Yxy	17.3910, 0.1955, 0.1880
Android (android.graphics.Color)	4281627848 (0xFF3474C8)
YUV	106.4400, 46.1251, -47.7439
Hunter-Lab	41.7025, 4.4383, -51.9142

Details

The XYZ color **18.0869, 17.3910, 57.0471** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **33.2452, 30.1386, 7.3152**, and the grayscale version is **13.7114, 14.4255, 15.7094**.

A 20% lighter version of the original color is **39.3888, 39.0072, 100.0609**, and **7.2390, 6.3006, 27.6227** is the 20% darker color. If you saturate the color by 10%, you get **16.0373, 14.5092, 56.5993**, and if you desaturate by 10%, it is **20.7337, 20.8184, 57.5695**.

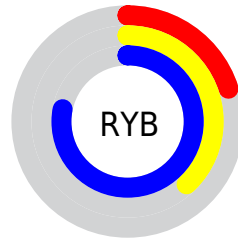
Distribution



Red (20%)

Green (45%)

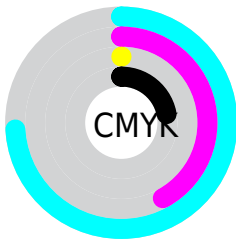
Blue (78%)



Red (20%)

Yellow (38%)

Blue (78%)

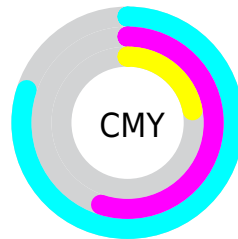


Cyan (74%)

Magenta (42%)

Yellow (0%)

Black (22%)



Cyan (80%)

Magenta (55%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0869, 17.3910, 57.0471 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 18.0869, 17.3910, 57.0471 by changing the saturation by 10% instead.

■ 18.0869, 17.3910,
57.0471

■ 18.0869, 17.3910,
57.0471

234.3965,
237.4156, 431.1245

■ 11.1125, 10.5137,
40.6334

■ 39.7143, 38.9968,
102.0349

■ 6.2104, 5.7408,
27.7152

■ 55.0979, 54.4941,
131.4462

■ 3.0153, 2.6881,
17.8739

■ 74.0153, 73.6335,
166.0270

■ 1.1619, 0.9712,
10.6910

■ 96.8319, 96.7993,
206.1961

■ 0.0759, 0.0000,
5.7479

■ 123.9129,
124.3761, 252.3718

■ 0.0000, 0.0000,
2.6261

155.6238,

■ 0.0000, 0.0000,

156.7481, 304.9727

0.9059

192.3299,
194.2998, 364.4174

■ 0.0000, 0.0000,
0.0000

■ 18.0869, 17.3910,
57.0471

■ 18.0869, 17.3910,
57.0471

■ 16.0373, 14.5092,
56.5993

■ 20.7337, 20.8184,
57.5695

■ 14.5176, 12.1293,
56.2200

■ 24.0301, 24.8260,
58.1694

■ 13.7916, 10.9026,
56.0215

■ 28.0243, 29.4466,
58.8507

■ 32.7593, 34.7096,
59.6170

■ 38.2742, 40.6423,
60.4715

■ 44.6051, 47.2702,
61.4171

■ 51.7860, 54.6172,
62.4567

■ 59.8486, 62.7062,
63.5931

■ 68.8231, 71.5587,
64.8288

Harmonies

Analogous

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



13.6213, 17.3910, 54.5442



18.0869, 17.3910, 57.0471



22.9281, 17.3910, 46.2454

Triad

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



18.0869, 17.3910, 57.0471



24.4036, 17.3910, 6.8320



9.4810, 17.3910, 11.3773

Complementary

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



18.0869, 17.3910, 57.0471



33.2452, 30.1386, 7.3152

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.



11.4483, 17.3910, 5.2806



18.0869, 17.3910, 57.0471



19.8250, 17.3910, 3.6407

Square

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



18.0869, 17.3910, 57.0471



27.0009, 17.3910, 14.9303



15.0644, 17.3910, 3.2499



9.1905, 17.3910, 23.6005

Rectangle

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



18.0869, 17.3910, 57.0471



25.5163, 17.3910, 34.9994



15.0644, 17.3910, 3.2499



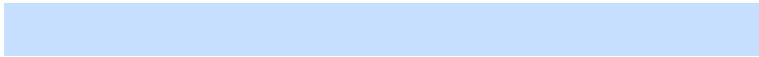
9.9478, 17.3910, 8.7385

Sweetspot

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



18.0876, 17.3915, 57.0476



68.0064, 72.2080, 104.9610



26.5059, 43.8131, 30.3045



13.9505, 14.8136, 22.3740



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.



18.0876, 17.3915, 57.0476



26.0145, 22.4361, 97.5672



13.6327, 7.6472, 55.4015



10.4276, 11.0292, 13.4967



8.8546, 7.1032, 35.6487



0.4909, 0.4797, 1.7119

Inverse Universe

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



28.2005, 15.9973, 18.1248



45.4341, 23.6040, 21.9619



42.5433, 52.5214, 11.1454



10.8211, 10.7118, 12.0412



16.2687, 8.2571, 6.6250



0.8065, 0.4054, 0.5042

Previews

White Background



This preview shows how the XYZ color 18.0869, 17.3910, 57.0471 looks on a white 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

Black Background



This preview shows how the XYZ color 18.0869, 17.3910, 57.0471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

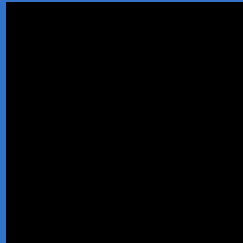
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

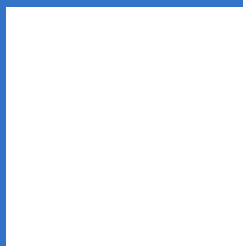
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.0869, 17.3910, 57.0471

Background



This preview shows how black text looks on a background with the XYZ color 18.0869, 17.3910, 57.0471.



This preview shows how white text looks on a background with the XYZ color 18.0869, 17.3910,

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

18.0869, 17.3910, 57.0471

Protanopia

19.0967, 17.2818, 55.1525

Deuteranopia

17.9589, 17.4970, 57.0743



Tritanopia

12.3066, 17.2733, 26.7302

Trichromacy



Original Color

18.0869, 17.3910, 57.0471

Protanomaly

18.5524, 17.1527, 55.7591

Deuteranomaly

18.0532, 17.5457, 57.0787

Tritanomaly

13.9092, 17.1270, 36.2910

Monochromacy



Original Color

18.0869, 17.3910, 57.0471

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.1473, 15.0237, 26.9652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0869, 17.3910, 57.0471 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(52, 116, 200)` looks like.

```
.text, #text, p{  
    color:rgb(52, 116, 200)  
}
```

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(52, 116, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 116, 200) }
```

Border

The CSS property to change the border of an element to XYZ 18.0869, 17.3910, 57.0471 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(52, 116, 200) }
```


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

```
.border{ border-color:rgb(52, 116, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 116, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 116, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 116, 200);  
box-shadow:4px 4px 4px 4px rgb(52, 116,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0869, 17.3910, 57.0471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 116, 200) }
```

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

```
.background{ background-color: rgb(52, 116,  
200) }
```

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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