

Converting Colors

XYZ(18.1528, 17.3936, 42.6674)

Have a look what the booklet for
XYZ(18.1528, 17.3936, 42.6674)
contains.

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Color

**XYZ(18.0709, 17.3659,
42.4439)**

Conversions

Conversions Part 1

Format	Color
Hex	5C72AE
RGB	92, 114, 174
RGB Percent	36%, 45%, 68%
CMY	0.6392, 0.5529, 0.3176
CMYK	0.47, 0.34, 0.00, 0.32
HSL	224°, 34%, 52%
HSV	224°, 47%, 68%
XYZ	18.0709, 17.3659, 42.4439
YIQ	114.2620, -32.3720, 13.9960

Conversions

Conversions Part 2

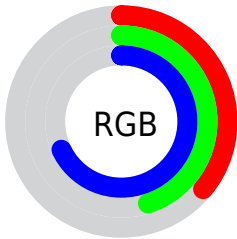
Format	Color
R_{YB}	92, 109, 174
Decimal	6058670
CIE _{Lab}	48.72, 8.55, -34.52
CIE _{LCh}	49, 35.561, 283.916
Yxy	17.3659, 0.2320, 0.2230
Android (android.graphics.Color)	4284248750 (0xFF5C72AE)
YUV	114.2620, 29.4508, -19.5238
Hunter-Lab	41.6724, 4.4783, -31.2170

Details

The XYZ color **18.0709, 17.3659, 42.4439** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **30.6163, 32.2288, 14.7332**, and the grayscale version is **15.9946, 16.8276, 18.3253**.

A 20% lighter version of the original color is **39.7732, 39.0966, 80.3130**, and **6.1624, 5.6702, 18.8588** is the 20% darker color. If you saturate the color by 10%, you get **15.1907, 13.8958, 41.9262**, and if you desaturate by 10%, it is **21.5515, 21.4429, 43.0477**.

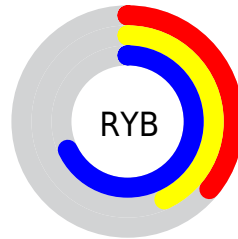
Distribution



Red (36%)

Green (45%)

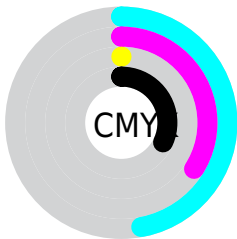
Blue (68%)



Red (36%)

Yellow (43%)

Blue (68%)

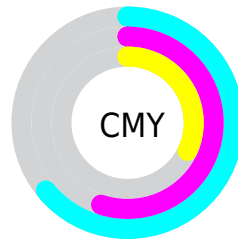


Cyan (47%)

Magenta (34%)

Yellow (0%)

Black (32%)



Cyan (64%)

Magenta (55%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0709, 17.3659, 42.4439 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 18.0709, 17.3659, 42.4439 by changing the saturation by 10% instead.

■ 18.0709, 17.3659,
42.4439

■ 18.0709, 17.3659,
42.4439

234.3082,
237.2722, 372.1736

■ 11.1009, 10.4957,
29.1209

■ 39.6872, 38.9538,
80.1483

■ 6.2025, 5.7288,
18.9259

■ 55.0643, 54.4403,
105.3668

■ 3.0104, 2.6809,
11.4405

■ 73.9744, 73.5678,
135.3876

■ 1.1593, 0.9675,
6.2461

■ 96.7829, 96.7205,
170.6290

■ 0.0739, 0.0000,
2.9241

123.8552,
124.2829, 211.5099

■ 0.0000, 0.0000,
1.0560

155.5566,

■ 0.0000, 0.0000,

156.6394, 258.4485

0.0000

192.2525,
194.1744, 311.8636

■ 18.0709, 17.3659,
42.4439

■ 18.0709, 17.3659,
42.4439

■ 15.1907, 13.8958,
41.9262

■ 21.5515, 21.4429,
43.0477

■ 12.8730, 10.9999,
41.4894

■ 25.6634, 26.1534,
43.7402

■ 11.0786, 8.6454,
41.1295

■ 30.4376, 31.5244,
44.5253

■ 9.7615, 6.7944,
40.8417

■ 35.9024, 37.5809,
45.4063

■ 8.8579, 5.3988,
40.6199

■ 42.0845, 44.3465,
46.3864

■ 8.6438, 5.0636,
40.5665

■ 49.0090, 51.8437,
47.4685

■ 56.7000, 60.0939,
48.6556

■ 65.1803, 69.1177,
49.9504

■ 74.4718, 78.9348,
51.3556

Harmonies

Analogous

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



14.8180, 17.3659, 42.1411



18.0709, 17.3659, 42.4439



21.2826, 17.3659, 35.1497

Triad

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



18.0709, 17.3659, 42.4439



21.4833, 17.3659, 8.9370



11.1531, 17.3659, 14.3292

Complementary

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



18.0709, 17.3659, 42.4439



30.6163, 32.2288, 14.7332

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.



12.5032, 17.3659, 8.6467



18.0709, 17.3659, 42.4439



18.3171, 17.3659, 6.3143

Square

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



18.0709, 17.3659, 42.4439



23.4223, 17.3659, 14.8855



15.0337, 17.3659, 6.2294



11.1056, 17.3659, 23.5980

Rectangle

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



18.0709, 17.3659, 42.4439



22.8491, 17.3659, 28.0231



15.0337, 17.3659, 6.2294



11.4607, 17.3659, 12.0216

Sweetspot

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



18.0715, 17.3665, 42.4443



57.9315, 60.2127, 81.2058



25.1173, 34.7747, 34.5679



12.4276, 12.8839, 17.9762



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



18.0715, 17.3665, 42.4443



27.1421, 24.6994, 75.9738



17.8693, 14.0112, 41.8073



7.7472, 8.0938, 10.1066



6.3124, 3.7587, 29.4373



0.2210, 0.1953, 0.8340

Inverse Universe

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



24.3205, 17.8686, 18.0873



40.1770, 26.6553, 24.9627



30.8238, 38.1365, 15.8625



8.0902, 8.0493, 8.7858



13.0499, 6.6825, 2.6420



0.3859, 0.1951, 0.1941

Previews

White Background



This preview shows how the XYZ color 18.0709, 17.3659, 42.4439 looks on a white background.

Color Contrast Check

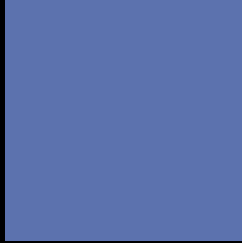
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0709, 17.3659, 42.4439 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

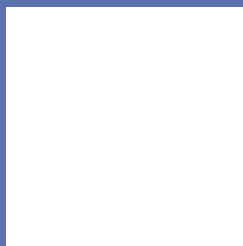
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.0709, 17.3659, 42.4439

Background



This preview shows how black text looks on a background with the XYZ color 18.0709, 17.3659, 42.4439.



This preview shows how white text looks on a background with the XYZ color 18.0709, 17.3659,

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

18.0709, 17.3659, 42.4439

Protanopia

18.2644, 17.2991, 42.4208

Deuteranopia

17.7952, 17.3922, 42.4635



Tritanopia

14.4327, 17.2905, 24.4065

Trichromacy



Original Color

18.0709, 17.3659, 42.4439

Protanomaly

18.1612, 17.2459, 42.4160

Deuteranomaly

17.8905, 17.4413, 42.4680

Tritanomaly

15.5194, 17.1851, 30.1028

Monochromacy



Original Color

18.0709, 17.3659, 42.4439

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.4051, 16.8764, 25.6854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0709, 17.3659, 42.4439 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(92, 114, 174)` looks like.

```
.text, #text, p{  
    color:rgb(92, 114, 174)  
}
```

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(92, 114, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 114, 174) }
```

Border

The CSS property to change the border of an element to XYZ 18.0709, 17.3659, 42.4439 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(92, 114, 174) }
```


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

```
.border{ border-color:rgb(92, 114, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 114, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 114, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 114, 174);  
box-shadow:4px 4px 4px 4px rgb(92, 114,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0709, 17.3659, 42.4439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 114, 174) }
```

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

```
.background{ background-color: rgb(92, 114,  
174) }
```

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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