

Converting Colors

XYZ(18.5890, 18.4670, 29.3583)

Have a look what the booklet for
XYZ(18.5890, 18.4670, 29.3583)
contains.

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Color

**XYZ(18.5424, 18.4118,
29.3646)**

Conversions

Conversions Part 1

Format	Color
Hex	737591
RGB	115, 117, 145
RGB Percent	45%, 46%, 57%
CMY	0.5490, 0.5412, 0.4314
CMYK	0.21, 0.19, 0.00, 0.43
HSL	236°, 12%, 51%
HSV	236°, 21%, 57%
XYZ	18.5424, 18.4118, 29.3646
YIQ	119.5940, -10.1800, 8.2840

Conversions

Conversions Part 2

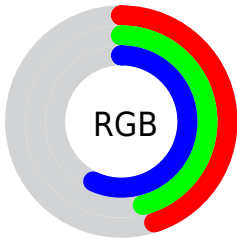
Format	Color
R_{YB}	115, 117, 145
Decimal	7566737
CIE _{Lab}	49.99, 5.54, -15.44
CIE _{LCh}	50, 16.401, 289.741
Yxy	18.4118, 0.2796, 0.2776
Android (android.graphics.Color)	4285756817 (0xFF737591)
YUV	119.5940, 12.5252, -4.0289
Hunter-Lab	42.9090, 2.0451, -10.5386

Details

The XYZ color **18.5424, 18.4118, 29.3646** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.5942, 26.9025, 20.1167**, and the grayscale version is **17.6873, 18.6084, 20.2646**.

A 20% lighter version of the original color is **40.4331, 40.7149, 59.7605**, and **6.3953, 6.2226, 11.4537** is the 20% darker color. If you saturate the color by 10%, you get **15.3192, 14.5766, 28.7945**, and if you desaturate by 10%, it is **22.2947, 22.8590, 30.0255**.

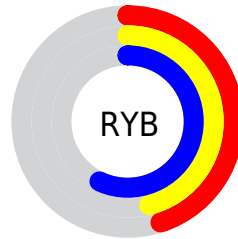
Distribution



Red (45%)

Green (46%)

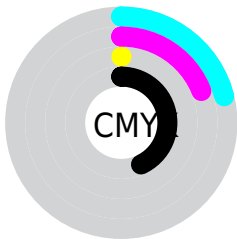
Blue (57%)



Red (45%)

Yellow (46%)

Blue (57%)

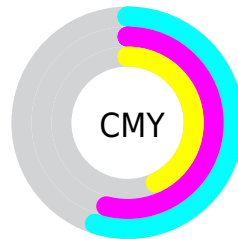


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (43%)



Cyan (55%)

Magenta (54%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5424, 18.4118, 29.3646 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 18.5424, 18.4118, 29.3646 by changing the saturation by 10% instead.

■ 18.5424, 18.4118,
29.3646

■ 18.5424, 18.4118,
29.3646

236.8977,
243.1820, 313.0460

■ 11.4421, 11.2460,
19.1089

■ 40.4823, 40.7378,
59.7049

■ 6.4345, 6.2326,
11.5714

■ 56.0526, 56.6668,
80.6266

■ 3.1542, 2.9870,
6.3335

■ 75.1771, 76.2857,
105.9407

■ 1.2358, 1.1250,
2.9769

■ 98.2209, 99.9788,
136.0657

■ 0.1344, 0.0000,
1.0828

125.5495,
128.1306, 171.4202

■ 0.0000, 0.0000,
0.0000

157.5283,

161.1255, 212.4227

194.5226,
199.3478, 259.4918

■ 18.5424, 18.4118,
29.3646

■ 18.5424, 18.4118,
29.3646

■ 15.3192, 14.5766,
28.7945

■ 22.2947, 22.8590,
30.0255

■ 12.5997, 11.3246,
28.3101

■ 26.5965, 27.9411,
30.7798

■ 10.3587, 8.6277,
27.9077

■ 31.4694, 33.6825,
31.6311

■ 8.5687, 6.4550,
27.5827

■ 36.9332, 40.1055,
32.5829

■ 7.1989, 4.7723,
27.3301

■ 43.0069, 47.2315,
33.6382

■ 6.2148, 3.5413,
27.1443

■ 49.7085, 55.0810,
34.8001

■ 5.5765, 2.7181,
27.0191

■ 57.0553, 63.6735,
36.0714

■ 5.2159, 2.2543,
26.9486

■ 65.0638, 73.0280,
37.4549

■ 73.7503, 83.1626,
38.9533

Harmonies

Analogous

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



16.9663, 18.4118, 29.8456



18.5424, 18.4118, 29.3646



19.9131, 18.4118, 26.1881

Triad

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



18.5424, 18.4118, 29.3646



19.5299, 18.4118, 14.1324



14.6869, 18.4118, 18.5426

Complementary

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



18.5424, 18.4118, 29.3646



24.5942, 26.9025, 20.1167

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.



15.2899, 18.4118, 14.9504



18.5424, 18.4118, 29.3646



18.0445, 18.4118, 12.6692

Square

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



18.5424, 18.4118, 29.3646



20.5066, 18.4118, 17.2592



16.4972, 18.4118, 12.9443



14.8024, 18.4118, 23.1206

Rectangle

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



18.5424, 18.4118, 29.3646



20.4962, 18.4118, 23.2016



16.4972, 18.4118, 12.9443



14.8108, 18.4118, 17.1927

Sweetspot

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



18.5430, 18.4126, 29.3650



43.3174, 44.9465, 54.3660



22.1162, 25.8641, 29.6154



9.5416, 9.8868, 12.0777



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.5430, 18.4126, 29.3650



30.3021, 29.5206, 52.0745



20.0691, 18.8569, 29.3703



5.1567, 5.3092, 6.7818



4.4816, 1.9492, 23.1171



0.0475, 0.0278, 0.2226

Inverse Universe

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



21.0192, 19.5661, 19.4993



35.5999, 32.0197, 30.9596



22.8144, 26.4349, 20.1202



5.4226, 5.4296, 5.7233



10.0652, 5.1831, 0.7288



0.0986, 0.0505, 0.0192

Previews

White Background



This preview shows how the XYZ color 18.5424, 18.4118, 29.3646 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 18.5424, 18.4118, 29.3646 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

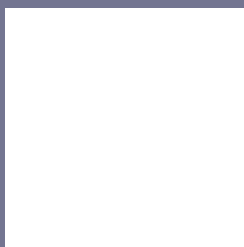
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5424, 18.4118, 29.3646

Background



This preview shows how black text looks on a background with the XYZ color 18.5424, 18.4118, 29.3646.



This preview shows how white text looks on a background with the XYZ color 18.5424, 18.4118,

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

18.5424, 18.4118, 29.3646

Protanopia

18.3993, 18.5119, 29.3915

Deuteranopia

18.6923, 18.3170, 29.3384



Tritanopia

17.3610, 18.4627, 23.4175

Trichromacy



Original Color

18.5424, 18.4118, 29.3646

Protanomaly

18.5287, 18.5786, 29.3975

Deuteranomaly

18.5587, 18.2481, 29.3322

Tritanomaly

17.7801, 18.4536, 25.5465

Monochromacy



Original Color

18.5424, 18.4118, 29.3646

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.0305, 18.6302, 23.4146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5424, 18.4118, 29.3646 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(115, 117, 145)` looks like.

```
.text, #text, p{  
    color:rgb(115, 117, 145)  
}
```

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(115, 117, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 117, 145) }
```

Border

The CSS property to change the border of an element to XYZ 18.5424, 18.4118, 29.3646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

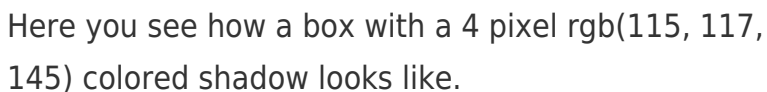
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 117, 145) }
```


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

```
.border{ border-color:rgb(115, 117, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 117, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 117, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 117, 145); box-shadow:4px 4px 4px 4px rgb(115, 117, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5424, 18.4118, 29.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 117, 145) }
```

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

```
.background{ background-color: rgb(115,  
117, 145) }
```

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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