

Converting Colors

XYZ(16.3307, 15.1154, 28.5379)

Have a look what the booklet for
XYZ(16.3307, 15.1154, 28.5379)
contains.

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Color

**XYZ(16.4148, 15.2292,
28.4599)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6890
RGB	110, 104, 144
RGB Percent	43%, 41%, 56%
CMY	0.5686, 0.5921, 0.4353
CMYK	0.24, 0.28, 0.00, 0.44
HSL	249°, 16%, 49%
HSV	249°, 28%, 56%
XYZ	16.4148, 15.2292, 28.4599
YIQ	110.3540, -9.2640, 13.7120

Conversions

Conversions Part 2

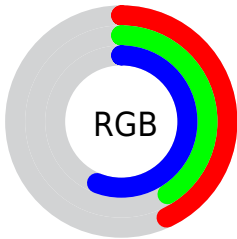
Format	Color
R_{YB}	110, 104, 144
Decimal	7235728
CIE Lab	45.95, 11.43, -21.07
CIE LCh	46, 23.973, 298.481
Yxy	15.2292, 0.2731, 0.2534
Android (android.graphics.Color)	4285425808 (0xFF6E6890)
YUV	110.3540, 16.5875, -0.3105
Hunter-Lab	39.0246, 6.7888, -15.9218

Details

The XYZ color **16.4148, 15.2292, 28.4599** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.9534, 26.3495, 16.9734**, and the grayscale version is **14.8788, 15.6537, 17.0468**.

A 20% lighter version of the original color is **36.8147, 35.2013, 58.2803**, and **5.3634, 4.7087, 10.9821** is the 20% darker color. If you saturate the color by 10%, you get **13.6682, 11.8425, 27.9512**, and if you desaturate by 10%, it is **19.6203, 19.2207, 29.0616**.

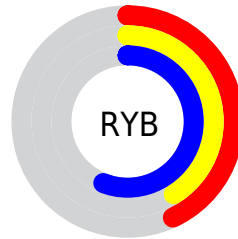
Distribution



Red (43%)

Green (41%)

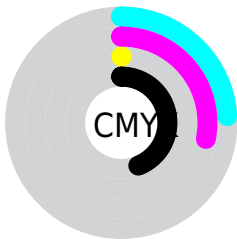
Blue (56%)



Red (43%)

Yellow (41%)

Blue (56%)

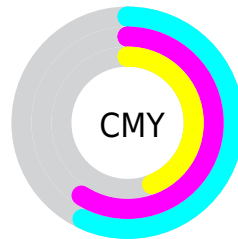


Cyan (24%)

Magenta (28%)

Yellow (0%)

Black (44%)



Cyan (57%)

Magenta (59%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4148, 15.2292, 28.4599 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 16.4148, 15.2292, 28.4599 by changing the saturation by 10% instead.

■ 16.4148, 15.2292,
28.4599

■ 16.4148, 15.2292,
28.4599

224.9997,
224.7493, 308.6388

■ 9.9109, 8.9804,
18.4306

■ 36.8685, 35.2548,
58.2498

■ 5.4017, 4.7284,
11.0869

■ 51.5490, 49.8003,
78.8474

■ 2.5220, 2.0888,
6.0104

■ 69.6856, 67.8803,
103.8049

■ 0.9064, 0.6583,
2.7825

■ 91.6439, 89.8790,
133.5407

■ 0.0000, 0.0000,
0.9847

117.7890,
116.1808, 168.4735

■ 0.0000, 0.0000,
0.0000

148.4865,

147.1702, 209.0217

184.1016,
183.2316, 255.6040

■ 16.4148, 15.2292,
28.4599

■ 16.4148, 15.2292,
28.4599

■ 13.6682, 11.8425,
27.9512

■ 19.6203, 19.2207,
29.0616

■ 11.3578, 9.0291,
27.5299

■ 23.3031, 23.8426,
29.7597

■ 9.4614, 6.7575,
27.1914

■ 27.4821, 29.1214,
30.5583

■ 7.9540, 4.9926,
26.9302

■ 32.1749, 35.0814,
31.4614

■ 6.8078, 3.6948,
26.7401

■ 37.3984, 41.7458,
32.4724

■ 5.9914, 2.8187,
26.6141

■ 43.1684, 49.1366,
33.5949

■ 5.4533, 2.2813,
26.5387

■ 49.5003, 57.2748,
34.8320

■ 5.3563, 2.1797,
26.5242

■ 56.4087, 66.1808,
36.1869

■ 63.9077, 75.8739,
37.6626

Harmonies

Analogous

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



14.3718, 15.2292, 30.4354



16.4148, 15.2292, 28.4599



18.0593, 15.2292, 23.1309

Triad

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



16.4148, 15.2292, 28.4599



16.6102, 15.2292, 8.7688



10.9169, 15.2292, 16.2878

Complementary

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



16.4148, 15.2292, 28.4599



22.9534, 26.3495, 16.9734

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.



11.3993, 15.2292, 11.4030



16.4148, 15.2292, 28.4599



14.5785, 15.2292, 7.7374

Square

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



16.4148, 15.2292, 28.4599



18.1793, 15.2292, 11.8071



12.6942, 15.2292, 8.5766



11.3113, 15.2292, 22.4968

Rectangle

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



16.4148, 15.2292, 28.4599



18.6410, 15.2292, 18.9131



12.6942, 15.2292, 8.5766



10.9809, 15.2292, 14.4508

Sweetspot

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



16.4153, 15.2298, 28.4602



40.8332, 41.7154, 52.4378



19.8318, 23.1340, 29.8058



9.1462, 9.2922, 11.9837



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.



16.4153, 15.2298, 28.4602



25.9985, 23.2112, 49.6480



19.1907, 16.6606, 28.5901



5.2003, 5.2914, 6.7760



4.6779, 1.9051, 23.0983



0.0563, 0.0242, 0.2214

Inverse Universe

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



21.0397, 17.6654, 26.3457



35.5137, 28.2262, 45.1372



19.9435, 24.7979, 16.8326



5.5920, 5.4973, 6.6153



13.1032, 6.3983, 16.7265



0.1314, 0.0636, 0.1921

Previews

White Background



This preview shows how the XYZ color 16.4148, 15.2292, 28.4599 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 16.4148, 15.2292, 28.4599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

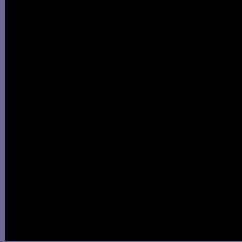
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.4148, 15.2292, 28.4599

Background



This preview shows how black text looks on a background with the XYZ color 16.4148, 15.2292, 28.4599.



This preview shows how white text looks on a background with the XYZ color 16.4148, 15.2292,

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

16.4148, 15.2292, 28.4599

Protanopia

15.5612, 15.2186, 29.7211

Deuteranopia

15.5824, 15.2653, 28.1118



Tritanopia

14.5644, 15.2485, 19.3152

Trichromacy



Original Color

16.4148, 15.2292, 28.4599

Protanomaly

15.8218, 15.2082, 29.2957

Deuteranomaly

15.8209, 15.2343, 28.0933

Tritanomaly

15.1519, 15.1735, 22.2089

Monochromacy



Original Color

16.4148, 15.2292, 28.4599

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.3058, 15.4453, 20.5869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4148, 15.2292, 28.4599 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(110, 104, 144)` looks like.

```
.text, #text, p{  
    color:rgb(110, 104, 144)  
}
```

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(110, 104, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 104, 144) }
```

Border

The CSS property to change the border of an element to XYZ 16.4148, 15.2292, 28.4599 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(110, 104, 144) }
```


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

```
.border{ border-color:rgb(110, 104, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 104, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 104, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 104, 144);  
box-shadow:4px 4px 4px 4px rgb(110, 104,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4148, 15.2292, 28.4599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 104, 144) }
```

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

```
.background{ background-color: rgb(110,  
104, 144) }
```

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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