

Converting Colors

XYZ(15.4309, 15.1552, 28.0193)

Have a look what the booklet for
XYZ(15.4309, 15.1552, 28.0193)
contains.

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Color

**XYZ(15.4712, 15.2079,
28.1066)**

Conversions

Conversions Part 1

Format	Color
Hex	646B8F
RGB	100, 107, 143
RGB Percent	39%, 42%, 56%
CMY	0.6078, 0.5804, 0.4392
CMYK	0.30, 0.25, 0.00, 0.44
HSL	230°, 18%, 48%
HSV	230°, 30%, 56%
XYZ	15.4712, 15.2079, 28.1066
YIQ	109.0110, -15.7280, 9.7120

Conversions

Conversions Part 2

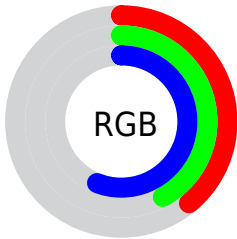
Format	Color
R _Y B	100, 106, 143
Decimal	6581135
CIE Lab	45.92, 6.12, -20.59
CIE LCh	46, 21.479, 286.542
Yxy	15.2079, 0.2632, 0.2587
Android (android.graphics.Color)	4284771215 (0xFF646B8F)
YUV	109.0110, 16.7566, -7.9026
Hunter-Lab	38.9973, 2.5701, -15.4341

Details

The XYZ color **15.4712, 15.2079, 28.1066** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.4325, 24.3684, 15.5785**, and the grayscale version is **14.4966, 15.2515, 16.6089**.

A 20% lighter version of the original color is **35.2538, 35.1603, 57.7519**, and **5.0078, 4.7521, 11.0092** is the 20% darker color. If you saturate the color by 10%, you get **12.8633, 12.1374, 27.6516**, and if you desaturate by 10%, it is **18.5306, 18.7685, 28.6329**.

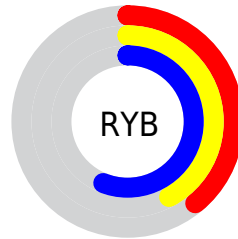
Distribution



Red (39%)

Green (42%)

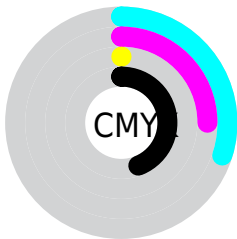
Blue (56%)



Red (39%)

Yellow (42%)

Blue (56%)

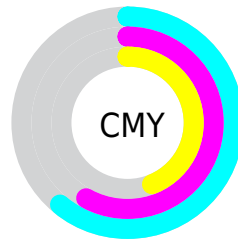


Cyan (30%)

Magenta (25%)

Yellow (0%)

Black (44%)



Cyan (61%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4712, 15.2079, 28.1066 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 15.4712, 15.2079, 28.1066 by changing the saturation by 10% instead.

■ 15.4712, 15.2079,
28.1066

■ 15.4712, 15.2079,
28.1066

219.5331,
224.6212, 306.9039

■ 9.2392, 8.9654,
18.1663

■ 35.2426, 35.2175,
57.6797

■ 4.9559, 4.7186,
10.8988

■ 49.5128, 49.7534,
78.1496

■ 2.2559, 2.0831,
5.8855

■ 67.1930, 67.8226,
102.9665

■ 0.7720, 0.6551,
2.7079

■ 88.6487, 89.8094,
132.5488

■ 0.0000, 0.0000,
0.9474

114.2452,
116.0983, 167.3152

■ 0.0000, 0.0000,
0.0000

144.3479,

147.0736, 207.6841

179.3220,
183.1198, 254.0742

■ 15.4712, 15.2079,
28.1066

■ 15.4712, 15.2079,
28.1066

■ 12.8633, 12.1374,
27.6516

■ 18.5306, 18.7685,
28.6329

■ 10.6838, 9.5334,
27.2639

■ 22.0601, 22.8375,
29.2322

■ 8.9098, 7.3734,
26.9405

■ 26.0791, 27.4346,
29.9078

■ 7.5158, 5.6321,
26.6778

■ 30.6054, 32.5781,
30.6620

■ 6.4729, 4.2816,
26.4721

■ 35.6559, 38.2849,
31.4973

■ 5.7483, 3.2902,
26.3190

■ 41.2469, 44.5718,
32.4161

■ 5.2699, 2.6071,
26.2123

■ 47.3937, 51.4543,
33.4206

■ 54.1112, 58.9478,
34.5130

■ 61.4136, 67.0669,
35.6952

Harmonies

Analogous

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



13.6575, 15.2079, 28.3051



15.4712, 15.2079, 28.1066



17.1387, 15.2079, 24.4287

Triad

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



15.4712, 15.2079, 28.1066



16.9904, 15.2079, 10.3119



11.3193, 15.2079, 14.3399

Complementary

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



15.4712, 15.2079, 28.1066



22.4325, 24.3684, 15.5785

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.



12.0665, 15.2079, 10.5917



15.4712, 15.2079, 28.1066



15.2822, 15.2079, 8.6165

Square

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



15.4712, 15.2079, 28.1066



18.0648, 15.2079, 13.8731



13.4836, 15.2079, 8.7068



11.3607, 15.2079, 19.5706

Rectangle

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



15.4712, 15.2079, 28.1066



17.8983, 15.2079, 20.8647



13.4836, 15.2079, 8.7068



11.4838, 15.2079, 12.8902

Sweetspot

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



15.4717, 15.2085, 28.1070



40.1024, 41.5827, 52.4507



19.5105, 24.1275, 26.8596



8.9905, 9.2995, 11.9933



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.



15.4717, 15.2085, 28.1070



24.4940, 23.4604, 49.7754



16.4985, 14.6979, 27.9543



5.1961, 5.3881, 6.7949



4.6707, 2.3274, 23.1801



0.0554, 0.0438, 0.2252

Inverse Universe

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



18.5392, 16.0161, 16.0248



30.9315, 25.2969, 24.3875



21.1258, 25.2064, 15.8091



5.4425, 5.4375, 5.8281



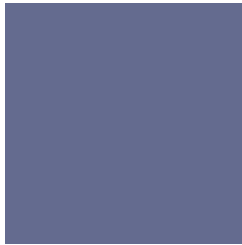
10.1607, 5.2213, 1.2314



0.1026, 0.0521, 0.0404

Previews

White Background



This preview shows how the XYZ color 15.4712, 15.2079, 28.1066 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 15.4712, 15.2079, 28.1066 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

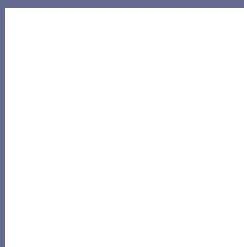
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4712, 15.2079, 28.1066

Background



This preview shows how black text looks on a background with the XYZ color 15.4712, 15.2079, 28.1066.



This preview shows how white text looks on a background with the XYZ color 15.4712, 15.2079,

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

15.4712, 15.2079, 28.1066

Protanopia

15.3612, 15.1512, 28.1015

Deuteranopia

15.4712, 15.2079, 28.1066



Tritanopia

13.7939, 15.1578, 19.9680

Trichromacy



Original Color

15.4712, 15.2079, 28.1066

Protanomaly

15.3612, 15.1512, 28.1015

Deuteranomaly

15.4712, 15.2079, 28.1066

Tritanomaly

14.4020, 15.2518, 22.6069

Monochromacy



Original Color

15.4712, 15.2079, 28.1066

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.7576, 15.1698, 20.2394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4712, 15.2079, 28.1066 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(100, 107, 143)` looks like.

```
.text, #text, p{  
    color:rgb(100, 107, 143)  
}
```

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(100, 107, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 107, 143) }
```

Border

The CSS property to change the border of an element to XYZ 15.4712, 15.2079, 28.1066 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(100, 107, 143) }
```


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

```
.border{ border-color:rgb(100, 107, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 107, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 107, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 107, 143);  
box-shadow:4px 4px 4px 4px rgb(100, 107,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4712, 15.2079, 28.1066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 107, 143) }
```

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

```
.background{ background-color: rgb(100,  
107, 143) }
```

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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