

Converting Colors

XYZ(16.9196, 15.1855, 28.8275)

Have a look what the booklet for
XYZ(16.9196, 15.1855, 28.8275)
contains.

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Color

**XYZ(16.9324, 15.1919,
28.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	736691
RGB	115, 102, 145
RGB Percent	45%, 40%, 57%
CMY	0.5490, 0.6000, 0.4314
CMYK	0.21, 0.30, 0.00, 0.43
HSL	258°, 17%, 48%
HSV	258°, 30%, 57%
XYZ	16.9324, 15.1919, 28.8280
YIQ	110.7890, -6.0550, 16.1290

Conversions

Conversions Part 2

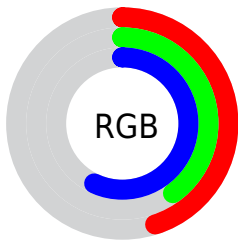
Format	Color
RYB	115, 102, 145
Decimal	7562897
CIELab	45.90, 14.55, -21.71
CIELCh	46, 26.131, 303.826
Yxy	15.1919, 0.2778, 0.2492
Android (android.graphics.Color)	4285752977 (0xFF736691)
YUV	110.7890, 16.8660, 3.6930
Hunter-Lab	38.9768, 9.3351, -16.5683

Details

The XYZ color **16.9324, 15.1919, 28.8280** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.0399, 26.1161, 16.4503**, and the grayscale version is **15.0027, 15.7840, 17.1888**.

A 20% lighter version of the original color is **37.8485, 35.2308, 58.8382**, and **5.6333, 4.6988, 11.1997** is the 20% darker color. If you saturate the color by 10%, you get **14.3721, 11.9387, 28.3353**, and if you desaturate by 10%, it is **19.8890, 19.0202, 29.4114**.

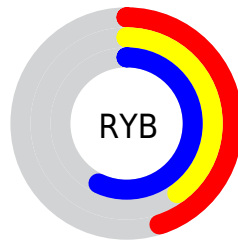
Distribution



Red (45%)

Green (40%)

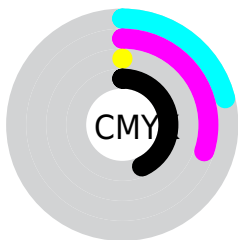
Blue (57%)



Red (45%)

Yellow (40%)

Blue (57%)

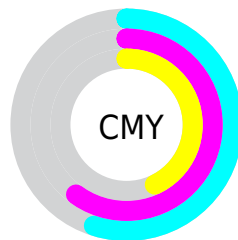


Cyan (21%)

Magenta (30%)

Yellow (0%)

Black (43%)



Cyan (55%)

Magenta (60%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9324, 15.1919, 28.8280 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 16.9324, 15.1919, 28.8280 by changing the saturation by 10% instead.

■ 16.9324, 15.1919,
28.8280

■ 16.9324, 15.1919,
28.8280

227.9464,
224.5248, 310.4380

■ 10.2813, 8.9542,
18.7063

■ 37.7540, 35.1895,
58.8426

■ 5.6496, 4.7113,
11.2836

■ 52.6553, 49.7181,
79.5726

■ 2.6718, 2.0789,
6.1413

■ 71.0373, 67.7792,
104.6758

■ 0.9827, 0.6527,
2.8610

■ 93.2655, 89.7571,
134.5706

■ 0.0000, 0.0000,
1.0241

119.7051,
116.0362, 169.6758

■ 0.0000, 0.0000,
0.0000

150.7215,

147.0009, 210.4097

186.6802,
183.0357, 257.1909

■ 16.9324, 15.1919,
28.8280

■ 16.9324, 15.1919,
28.8280

■ 14.3721, 11.9387,
28.3353

■ 19.8890, 19.0202,
29.4114

■ 12.1888, 9.2303,
27.9275

■ 23.2570, 23.4480,
30.0885

■ 10.3641, 7.0364,
27.6003

■ 27.0523, 28.5008,
30.8638

■ 8.8771, 5.3231,
27.3479

■ 31.2897, 34.2019,
31.7408

■ 7.7043, 4.0520,
27.1644

■ 35.9831, 40.5733,
32.7233

■ 6.8193, 3.1787,
27.0425

■ 41.1460, 47.6361,
33.8144

■ 6.1630, 2.5948,
26.9644

■ 46.7912, 55.4104,
35.0175

■ 6.1425, 2.5762,
26.9619

■ 52.9308, 63.9157,
36.3356

■ 59.5770, 73.1703,
37.7716

Harmonies

Analogous

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



14.7244, 15.1919, 31.8685



16.9324, 15.1919, 28.8280



18.5917, 15.1919, 22.5008

Triad

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



16.9324, 15.1919, 28.8280



16.3929, 15.1919, 7.8573



10.6064, 15.1919, 17.3656

Complementary

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



16.9324, 15.1919, 28.8280



22.0399, 26.1161, 16.4503

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.



10.9566, 15.1919, 11.7397



16.9324, 15.1919, 28.8280



14.1582, 15.1919, 7.1384

Square

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



16.9324, 15.1919, 28.8280



18.2586, 15.1919, 10.6574



12.2040, 15.1919, 8.3613



11.1939, 15.1919, 24.2694

Rectangle

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



16.9324, 15.1919, 28.8280



19.0817, 15.1919, 17.8829



12.2040, 15.1919, 8.3613



10.6187, 15.1919, 15.2688

Sweetspot

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



16.9329, 15.1925, 28.8283



41.9490, 42.3882, 53.9443



18.8557, 21.3993, 29.9250



9.1449, 9.1822, 11.9626



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.



16.9329, 15.1925, 28.8283



26.9983, 22.9690, 50.9840



20.0811, 16.8155, 28.9757



5.2734, 5.3291, 6.7794



5.2925, 2.2220, 23.1270



0.0709, 0.0317, 0.2221

Inverse Universe

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



20.5938, 17.1890, 24.0629



34.8043, 27.2322, 40.5477



19.0295, 24.5641, 16.3094



5.5578, 5.4836, 6.4351



12.0494, 5.9768, 11.1773



0.1250, 0.0611, 0.1585

Previews

White Background



This preview shows how the XYZ color 16.9324, 15.1919, 28.8280 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 16.9324, 15.1919, 28.8280 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 16.9324, 15.1919, 28.8280

Background



This preview shows how black text looks on a background with the XYZ color 16.9324, 15.1919, 28.8280.



This preview shows how white text looks on a background with the XYZ color 16.9324, 15.1919,

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

16.9324, 15.1919, 28.8280

Protanopia

15.5064, 15.1721, 30.5450

Deuteranopia

15.5473, 15.2383, 28.5074



Tritanopia

14.9454, 15.3011, 18.6887

Trichromacy



Original Color

16.9324, 15.1919, 28.8280

Protanomaly

15.9904, 15.1248, 30.0936

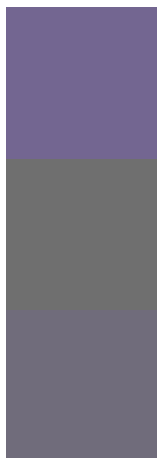
Deuteranomaly

15.9113, 15.1200, 28.4654

Tritanomaly

15.6669, 15.2851, 22.2033

Monochromacy



Original Color

16.9324, 15.1919, 28.8280

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.6198, 15.5999, 20.9267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9324, 15.1919, 28.8280 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, 102, 145)` looks like.

```
.text, #text, p{  
    color:rgb(115, 102, 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, 102, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 102, 145) }
```

Border

The CSS property to change the border of an element to XYZ 16.9324, 15.1919, 28.8280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

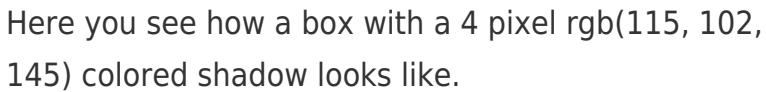
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 102, 145) }
```


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

```
.border{ border-color:rgb(115, 102, 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, 102, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 102, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 102, 145);  
box-shadow:4px 4px 4px 4px rgb(115, 102,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9324, 15.1919, 28.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 102, 145) }
```

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

```
.background{ background-color: rgb(115,  
102, 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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