

Converting Colors

XYZ(16.8237, 15.2915, 28.4504)

Have a look what the booklet for
XYZ(16.8237, 15.2915, 28.4504)
contains.

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Color

**XYZ(16.8237, 15.2915,
28.4504)**

Conversions

Conversions Part 1

Format	Color
Hex	726790
RGB	114, 103, 144
RGB Percent	45%, 40%, 56%
CMY	0.5529, 0.5961, 0.4353
CMYK	0.21, 0.28, 0.00, 0.44
HSL	256°, 17%, 48%
HSV	256°, 28%, 56%
XYZ	16.8237, 15.2915, 28.4504
YIQ	110.9630, -6.6050, 15.0830

Conversions

Conversions Part 2

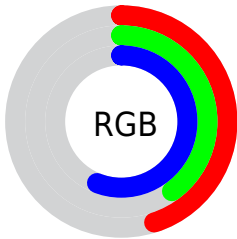
Format	Color
R_{YB}	114, 103, 144
Decimal	7497616
CIE _{Lab}	46.03, 13.36, -20.91
CIE _{LCh}	46, 24.816, 302.576
Yxy	15.2915, 0.2778, 0.2525
Android (android.graphics.Color)	4285687696 (0xFF726790)
YUV	110.9630, 16.2872, 2.6634
Hunter-Lab	39.1043, 8.3627, -15.7634

Details

The XYZ color **16.8237, 15.2915, 28.4504** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.0948, 25.9127, 16.6697**, and the grayscale version is **15.0547, 15.8388, 17.2484**.

A 20% lighter version of the original color is **37.4745, 35.2954, 58.2637**, and **5.5699, 4.7425, 10.9777** is the 20% darker color. If you saturate the color by 10%, you get **14.2204, 12.0035, 27.9532**, and if you desaturate by 10%, it is **19.8326, 19.1555, 29.0379**.

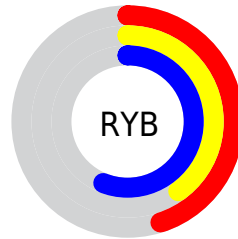
Distribution



Red (45%)

Green (40%)

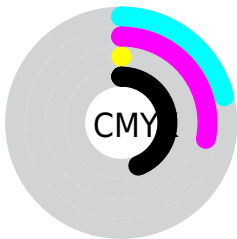
Blue (56%)



Red (45%)

Yellow (40%)

Blue (56%)

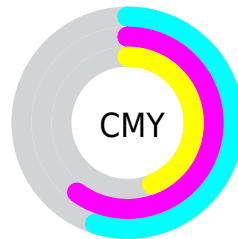


Cyan (21%)

Magenta (28%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8237, 15.2915, 28.4504 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 16.8237, 15.2915, 28.4504 by changing the saturation by 10% instead.

■ 16.8237, 15.2915,
28.4504

■ 16.8237, 15.2915,
28.4504

227.3305,
225.1239, 308.5923

■ 10.2034, 9.0242,
18.4235

■ 37.5684, 35.3638,
58.2345

■ 5.5973, 4.7570,
11.0819

■ 52.4235, 49.9375,
78.8287

■ 2.6401, 2.1054,
6.0071

■ 70.7543, 68.0489,
103.7824

■ 0.9664, 0.6677,
2.7805

■ 92.9261, 90.0823,
133.5141

■ 0.0000, 0.0000,
0.9837

119.3043,
116.4221, 168.4424

■ 0.0000, 0.0000,
0.0000

150.2541,

147.4527, 208.9859

186.1411,
183.5585, 255.5630

■ 16.8237, 15.2915,
28.4504

■ 16.8237, 15.2915,
28.4504

■ 14.2204, 12.0035,
27.9532

■ 19.8326, 19.1555,
29.0379

■ 12.0033, 9.2616,
27.5408

■ 23.2624, 23.6198,
29.7188

■ 10.1534, 7.0361,
27.2088

■ 27.1294, 28.7094,
30.4974

■ 8.6495, 5.2934,
26.9516

■ 31.4487, 34.4475,
31.3773

■ 7.4682, 3.9959,
26.7635

■ 36.2346, 40.8559,
32.3620

■ 6.5826, 3.1004,
26.6373

■ 41.5006, 47.9556,
33.4548

■ 5.9426, 2.5175,
26.5585

■ 47.2598, 55.7665,
34.6590

■ 5.8570, 2.4378,
26.5477

■ 53.5249, 64.3077,
35.9774

■ 60.3079, 73.5978,
37.4130

Harmonies

Analogous

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



14.7168, 15.2915, 31.1191



16.8237, 15.2915, 28.4504



18.4302, 15.2915, 22.5785

Triad

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



16.8237, 15.2915, 28.4504



16.4788, 15.2915, 8.3357



10.8546, 15.2915, 17.1762

Complementary

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



16.8237, 15.2915, 28.4504



22.0948, 25.9127, 16.6697

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.



11.2298, 15.2915, 11.8620



16.8237, 15.2915, 28.4504



14.3530, 15.2915, 7.5481

Square

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



16.8237, 15.2915, 28.4504



18.2180, 15.2915, 11.1568



12.4623, 15.2915, 8.6685



11.3837, 15.2915, 23.7021

Rectangle

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



16.8237, 15.2915, 28.4504



18.9277, 15.2915, 18.1927



12.4623, 15.2915, 8.6685



10.8792, 15.2915, 15.1968

Sweetspot

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



16.8242, 15.2921, 28.4507



40.5721, 41.0614, 52.3253



19.0247, 21.6910, 29.5699



9.1120, 9.1652, 11.9610



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.



16.8242, 15.2921, 28.4507



26.7324, 23.2440, 49.6156



19.7855, 16.8187, 28.5893



5.2569, 5.3206, 6.7787



5.1204, 2.1332, 23.1190



0.0676, 0.0300, 0.2219

Inverse Universe

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



20.5859, 17.3238, 24.4497



34.5291, 27.4598, 41.1003



19.1763, 24.4082, 16.5332



5.5653, 5.4867, 6.4751



12.2628, 6.0621, 12.3010



0.1264, 0.0616, 0.1660

Previews

White Background



This preview shows how the XYZ color 16.8237, 15.2915, 28.4504 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 16.8237, 15.2915, 28.4504 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 16.8237, 15.2915, 28.4504

Background



This preview shows how black text looks on a background with the XYZ color 16.8237, 15.2915, 28.4504.



This preview shows how white text looks on a background with the XYZ color 16.8237, 15.2915,

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

16.8237, 15.2915, 28.4504

Protanopia

15.7449, 15.4599, 30.1712

Deuteranopia

15.5824, 15.2653, 28.1118



Tritanopia

14.8801, 15.2607, 18.9910

Trichromacy



Original Color

16.8237, 15.2915, 28.4504

Protanomaly

16.1294, 15.3577, 29.7180

Deuteranomaly

16.0558, 15.3554, 28.1043

Tritanomaly

15.5403, 15.2199, 22.1973

Monochromacy



Original Color

16.8237, 15.2915, 28.4504

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 16.8237, 15.2915, 28.4504 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(114, 103, 144)` looks like.

```
.text, #text, p{  
    color:rgb(114, 103, 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(114, 103, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 103, 144) }
```

Border

The CSS property to change the border of an element to XYZ 16.8237, 15.2915, 28.4504 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(114, 103, 144) }
```


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

```
.border{ border-color:rgb(114, 103, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 103, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 103, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 103, 144);  
box-shadow:4px 4px 4px 4px rgb(114, 103,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8237, 15.2915, 28.4504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 103, 144) }
```

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

```
.background{ background-color: rgb(114,  
103, 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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