

Converting Colors

XYZ(16.8408, 17.2501, 24.2312)

Have a look what the booklet for
XYZ(16.8408, 17.2501, 24.2312)
contains.

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Color

**XYZ(16.8511, 17.3069,
24.2822)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7384
RGB	111, 115, 132
RGB Percent	44%, 45%, 52%
CMY	0.5647, 0.5490, 0.4824
CMYK	0.16, 0.13, 0.00, 0.48
HSL	229°, 9%, 48%
HSV	229°, 16%, 52%
XYZ	16.8511, 17.3069, 24.2822
YIQ	115.7420, -7.8410, 4.4390

Conversions

Conversions Part 2

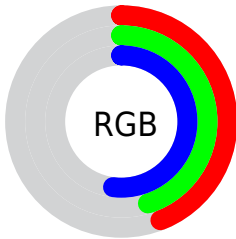
Format	Color
R_{YB}	111, 114, 132
Decimal	7304068
CIE Lab	48.64, 2.25, -9.83
CIE LCh	49, 10.083, 282.885
Yxy	17.3069, 0.2883, 0.2961
Android (android.graphics.Color)	4285494148 (0xFF6F7384)
YUV	115.7420, 8.0152, -4.1587
Hunter-Lab	41.6016, -0.4996, -5.4856

Details

The XYZ color **16.8511, 17.3069, 24.2822** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.1042, 21.4914, 18.1279**, and the grayscale version is **16.4999, 17.3592, 18.9042**.

A 20% lighter version of the original color is **37.6799, 38.9267, 51.4266**, and **5.6184, 5.6956, 8.9869** is the 20% darker color. If you saturate the color by 10%, you get **14.1628, 14.2163, 23.8276**, and if you desaturate by 10%, it is **19.9271, 20.8079, 24.7961**.

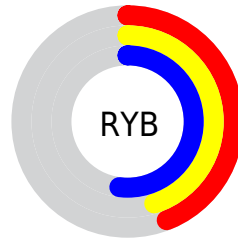
Distribution



Red (44%)

Green (45%)

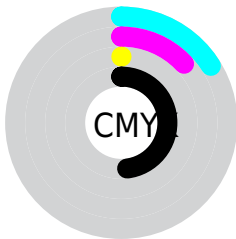
Blue (52%)



Red (44%)

Yellow (45%)

Blue (52%)

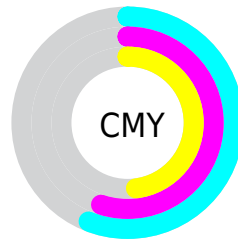


Cyan (16%)

Magenta (13%)

Yellow (0%)

Black (48%)



Cyan (56%)

Magenta (55%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8511, 17.3069, 24.2822 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 16.8511, 17.3069, 24.2822 by changing the saturation by 10% instead.

■ 16.8511, 17.3069,
24.2822

■ 16.8511, 17.3069,
24.2822

227.4859,
236.9348, 287.5765

■ 10.2230, 10.4535,
15.3290

■ 37.6152, 38.8527,
51.4399

■ 5.6105, 5.7007,
8.9014

■ 52.4820, 54.3139,
70.4815

■ 2.6481, 2.6640,
4.5810

■ 70.8257, 73.4132,
93.7229

■ 0.9705, 0.9589,
1.9492

■ 93.0117, 96.5350,
121.5826

■ 0.0000, 0.0000,
0.5238

119.4054,
124.0637, 154.4794

■ 0.0000, 0.0000,
0.0000

150.3721,

156.3836, 192.8315

186.2771,
193.8792, 237.0577

■ 16.8511, 17.3069,
24.2822

■ 16.8511, 17.3069,
24.2822

■ 14.1628, 14.2163,
23.8276

■ 19.9271, 20.8079,
24.7961

■ 11.8453, 11.5190,
23.4291

■ 23.4040, 24.7316,
25.3702

■ 9.8823, 9.1994,
23.0849

■ 27.2961, 29.0923,
26.0068

■ 8.2560, 7.2404,
22.7925

■ 31.6166, 33.9030,
26.7076

■ 6.9470, 5.6235,
22.5494

■ 36.3781, 39.1762,
27.4745

■ 5.9336, 4.3283,
22.3528

■ 41.5928, 44.9238,
28.3090

■ 5.1916, 3.3322,
22.1996

■ 47.2722, 51.1574,
29.2129

■ 4.6848, 2.6055,
22.0861

■ 53.4276, 57.8881,
30.1876

■ 4.5158, 2.3678,
22.0491

■ 60.0697, 65.1268,
31.2348

Harmonies

Analogous

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



15.9297, 17.3069, 24.1667



16.8511, 17.3069, 24.2822



17.6951, 17.3069, 22.8454

Triad

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



16.8511, 17.3069, 24.2822



17.7931, 17.3069, 15.5738



14.8014, 17.3069, 17.3789

Complementary

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



16.8511, 17.3069, 24.2822



20.1042, 21.4914, 18.1279

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.



15.2642, 17.3069, 15.3399



16.8511, 17.3069, 24.2822



16.9808, 17.3069, 14.3670

Square

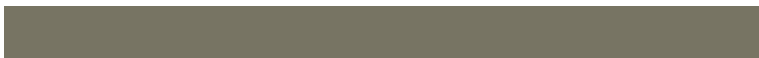
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.8511, 17.3069, 24.2822



18.2526, 17.3069, 17.7267



16.0547, 17.3069, 14.2856



14.7696, 17.3069, 20.0078

Rectangle

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



16.8511, 17.3069, 24.2822



18.0909, 17.3069, 21.2727



16.0547, 17.3069, 14.2856



14.9109, 17.3069, 16.6081

Sweetspot

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



16.8516, 17.3076, 24.2826



35.5631, 37.1760, 43.7545



18.6902, 21.4356, 23.5058



8.1986, 8.5633, 10.1735



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.8516, 17.3076, 24.2826



27.9425, 28.4920, 42.4799



17.2261, 16.8379, 24.1722



4.5010, 4.6777, 5.8664



4.3756, 2.2990, 21.3498



0.0192, 0.0161, 0.0753

Inverse Universe

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



18.2951, 17.5126, 18.6365



30.9843, 28.9610, 30.5732



19.6808, 22.0634, 18.2606



4.7062, 4.7022, 5.0650



9.3867, 4.8190, 1.3428



0.0346, 0.0175, 0.0155

Previews

White Background



This preview shows how the XYZ color 16.8511, 17.3069, 24.2822 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 16.8511, 17.3069, 24.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

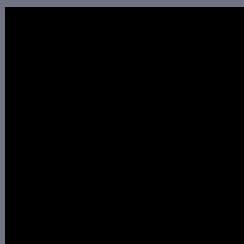
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

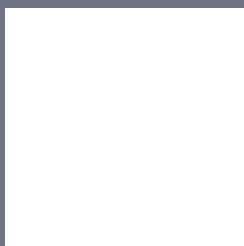
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.8511, 17.3069, 24.2822

Background



This preview shows how black text looks on a background with the XYZ color 16.8511, 17.3069, 24.2822.



This preview shows how white text looks on a background with the XYZ color 16.8511, 17.3069,

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

16.8511, 17.3069, 24.2822

Protanopia

17.1056, 17.4381, 24.2941

Deuteranopia

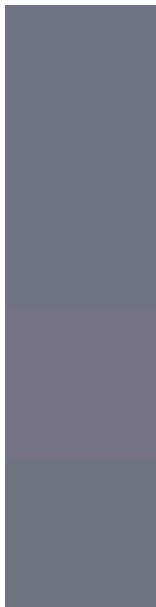
17.6777, 17.3981, 24.2563



Tritanopia

16.3775, 17.2864, 21.8755

Trichromacy



Original Color

16.8511, 17.3069, 24.2822

Protanomaly

16.9777, 17.3722, 24.2881

Deuteranomaly

17.3846, 17.4136, 24.2747

Tritanomaly

16.5721, 17.3643, 22.9003

Monochromacy



Original Color

16.8511, 17.3069, 24.2822

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6977, 17.4733, 20.9050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8511, 17.3069, 24.2822 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(111, 115, 132)` looks like.

```
.text, #text, p{  
    color:rgb(111, 115, 132)  
}
```

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(111, 115, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 115, 132) }
```

Border

The CSS property to change the border of an element to XYZ 16.8511, 17.3069, 24.2822 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(111, 115, 132) }
```


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

```
.border{ border-color:rgb(111, 115, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 115, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 115, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 115, 132);  
box-shadow:4px 4px 4px 4px rgb(111, 115,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8511, 17.3069, 24.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 115, 132) }
```

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

```
.background{ background-color: rgb(111,  
115, 132) }
```

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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