

Converting Colors

XYZ(18.1745, 18.1483, 32.6821)

Have a look what the booklet for
XYZ(18.1745, 18.1483, 32.6821)
contains.

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Color

**XYZ(18.1745, 18.1483,
32.6821)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7599
RGB	107, 117, 153
RGB Percent	42%, 46%, 60%
CMY	0.5804, 0.5412, 0.4000
CMYK	0.30, 0.24, 0.00, 0.40
HSL	227°, 18%, 51%
HSV	227°, 30%, 60%
XYZ	18.1745, 18.1483, 32.6821
YIQ	118.1140, -17.5160, 9.0760

Conversions

Conversions Part 2

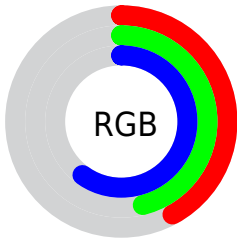
Format	Color
R_{YB}	107, 115, 153
Decimal	7042457
CIE _{Lab}	49.68, 4.97, -20.68
CIE _{LCh}	50, 21.266, 283.523
Yxy	18.1483, 0.2634, 0.2630
Android (android.graphics.Color)	4285232537 (0xFF6B7599)
YUV	118.1140, 17.1988, -9.7470
Hunter-Lab	42.6008, 1.6008, -15.6650

Details

The XYZ color **18.1745, 18.1483, 32.6821** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.6136, 27.4791, 17.8646**, and the grayscale version is **17.2078, 18.1040, 19.7152**.

A 20% lighter version of the original color is **39.7485, 40.2519, 64.7059**, and **6.2713, 6.1151, 13.4202** is the 20% darker color. If you saturate the color by 10%, you get **15.1883, 14.6689, 32.1682**, and if you desaturate by 10%, it is **21.6659, 22.1539, 33.2716**.

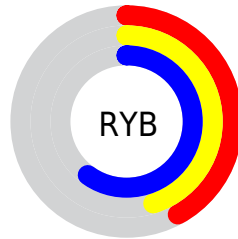
Distribution



Red (42%)

Green (46%)

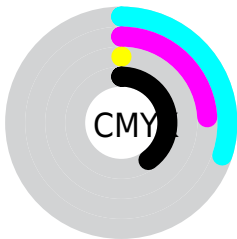
Blue (60%)



Red (42%)

Yellow (45%)

Blue (60%)

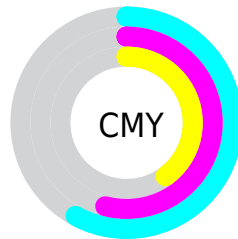


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (54%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1745, 18.1483, 32.6821 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 18.1745, 18.1483, 32.6821 by changing the saturation by 10% instead.

■ 18.1745, 18.1483,
32.6821

■ 18.1745, 18.1483,
32.6821

234.8794,
241.7056, 328.8028

■ 11.1758, 11.0565,
21.6139

■ 39.8622, 40.2899,
64.9892

■ 6.2534, 6.1049,
13.3779

■ 55.2819, 56.1084,
87.0651

■ 3.0419, 2.9089,
7.5555

■ 74.2393, 75.6047,
113.6474

■ 1.1759, 1.0844,
3.7282

■ 97.0998, 99.1631,
145.1546

■ 0.0872, 0.0000,
1.4774

124.2287,
127.1680, 182.0052

■ 0.0000, 0.0000,
0.2010

155.9913,

■ 0.0000, 0.0000,

160.0038, 224.6177

0.0000

192.7531,
198.0548, 273.4107

■ 18.1745, 18.1483,
32.6821

■ 18.1745, 18.1483,
32.6821

■ 15.1883, 14.6689,
32.1682

■ 21.6659, 22.1539,
33.2716

■ 12.6815, 11.6913,
31.7256

■ 25.6829, 26.7044,
33.9382

■ 10.6290, 9.1922,
31.3514

■ 30.2471, 31.8204,
34.6851

■ 9.0024, 7.1456,
31.0421

■ 35.3782, 37.5205,
35.5149

■ 7.7697, 5.5230,
30.7939

■ 41.0949, 43.8226,
36.4300

■ 6.8946, 4.2921,
30.6024

■ 47.4151, 50.7439,
37.4328

■ 6.3010, 3.4023,
30.4619

■ 54.3560, 58.3007,
38.5256

■ 61.9340, 66.5089,
39.7106

■ 70.1648, 75.3837,
40.9898

Harmonies

Analogous

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



16.1701, 18.1483, 32.4748



18.1745, 18.1483, 32.6821



20.0674, 18.1483, 28.9825

Triad

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



18.1745, 18.1483, 32.6821



20.2245, 18.1483, 13.0423



13.7837, 18.1483, 16.7678

Complementary

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



18.1745, 18.1483, 32.6821



25.6136, 27.4791, 17.8646

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.



14.7084, 18.1483, 12.7370



18.1745, 18.1483, 32.6821



18.3757, 18.1483, 10.8915

Square

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



18.1745, 18.1483, 32.6821



21.3119, 18.1483, 17.2697



16.3563, 18.1483, 10.7919



13.7391, 18.1483, 22.4798

Rectangle

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



18.1745, 18.1483, 32.6821



20.9684, 18.1483, 25.1514



16.3563, 18.1483, 10.7919



13.9984, 18.1483, 15.2007

Sweetspot

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



18.1751, 18.1490, 32.6825



46.6791, 48.5947, 60.8914



22.3577, 27.8697, 29.8978



10.0783, 10.4724, 13.4077



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.1751, 18.1490, 32.6825



28.8956, 28.2574, 57.9032



18.6525, 16.7568, 32.3886



5.9880, 6.2333, 7.8165



5.2289, 2.8544, 25.1831



0.1011, 0.0886, 0.3841

Inverse Universe

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



21.6060, 18.5727, 19.2765



36.1018, 29.3628, 29.6969



24.9848, 29.4838, 18.2847



6.2610, 6.2436, 6.7548



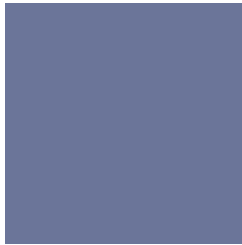
11.0980, 5.6935, 1.7754



0.1775, 0.0898, 0.0876

Previews

White Background



This preview shows how the XYZ color 18.1745, 18.1483, 32.6821 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 18.1745, 18.1483, 32.6821 looks on a black 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

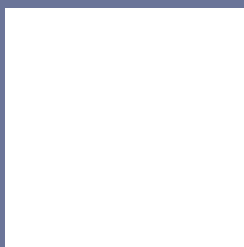
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1745, 18.1483, 32.6821

Background



This preview shows how black text looks on a background with the XYZ color 18.1745, 18.1483, 32.6821.



This preview shows how white text looks on a background with the XYZ color 18.1745, 18.1483,

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

18.1745, 18.1483, 32.6821

Protanopia

18.2954, 18.2106, 32.6877

Deuteranopia

18.5507, 18.1702, 32.6665



Tritanopia

16.4136, 18.1382, 24.1087

Trichromacy



Original Color

18.1745, 18.1483, 32.6821

Protanomaly

18.2954, 18.2106, 32.6877

Deuteranomaly

18.4256, 18.1057, 32.6606

Tritanomaly

17.0856, 18.2401, 27.0463

Monochromacy



Original Color

18.1745, 18.1483, 32.6821

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.5146, 18.1730, 24.0573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1745, 18.1483, 32.6821 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(107, 117, 153)` looks like.

```
.text, #text, p{  
    color:rgb(107, 117, 153)  
}
```

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(107, 117, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 117, 153) }
```

Border

The CSS property to change the border of an element to XYZ 18.1745, 18.1483, 32.6821 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(107, 117, 153) }
```


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

```
.border{ border-color:rgb(107, 117, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 117, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 117, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 117, 153);  
box-shadow:4px 4px 4px 4px rgb(107, 117,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1745, 18.1483, 32.6821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 117, 153) }
```

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

```
.background{ background-color: rgb(107,  
117, 153) }
```

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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