

Converting Colors

XYZ(18.8467, 17.3883, 32.0238)

Have a look what the booklet for
XYZ(18.8467, 17.3883, 32.0238)
contains.

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Color

**XYZ(18.8512, 17.3408,
32.0593)**

Conversions

Conversions Part 1

Format	Color
Hex	776E98
RGB	119, 110, 152
RGB Percent	47%, 43%, 60%
CMY	0.5333, 0.5686, 0.4039
CMYK	0.22, 0.28, 0.00, 0.40
HSL	253°, 17%, 51%
HSV	253°, 28%, 60%
XYZ	18.8512, 17.3408, 32.0593
YIQ	117.4790, -8.1180, 14.9700

Conversions

Conversions Part 2

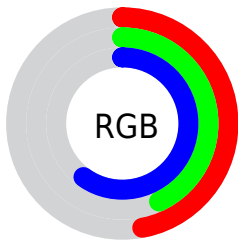
Format	Color
R_{YB}	119, 110, 152
Decimal	7827096
CIE _{Lab}	48.69, 12.77, -21.53
CIE _{LCh}	49, 25.027, 300.672
Yxy	17.3408, 0.2762, 0.2541
Android (android.graphics.Color)	4286017176 (0xFF776E98)
YUV	117.4790, 17.0189, 1.3339
Hunter-Lab	41.6423, 7.9318, -16.4962

Details

The XYZ color **18.8512, 17.3408, 32.0593** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.3709, 29.4223, 19.0945**, and the grayscale version is **17.0082, 17.8940, 19.4866**.

A 20% lighter version of the original color is **41.0742, 39.0675, 63.7685**, and **6.5974, 5.6869, 13.0619** is the 20% darker color. If you saturate the color by 10%, you get **15.8125, 13.5453, 31.4871**, and if you desaturate by 10%, it is **22.3784, 21.8065, 32.7357**.

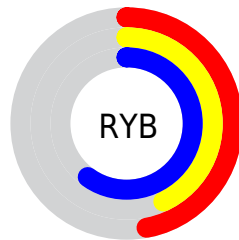
Distribution



Red (47%)

Green (43%)

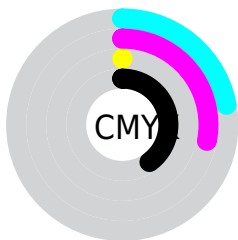
Blue (60%)



Red (47%)

Yellow (43%)

Blue (60%)

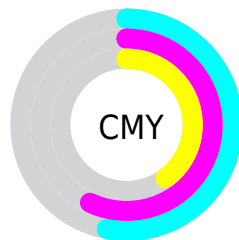


Cyan (22%)

Magenta (28%)

Yellow (0%)

Black (40%)



Cyan (53%)

Magenta (57%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8512, 17.3408, 32.0593 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 18.8512, 17.3408, 32.0593 by changing the saturation by 10% instead.

■ 18.8512, 17.3408,
32.0593

■ 18.8512, 17.3408,
32.0593

238.5800,
237.1287, 325.8903

■ 11.6662, 10.4778,
21.1416

■ 41.0013, 38.9108,
64.0030

■ 6.5874, 5.7169,
13.0353

■ 56.6971, 54.3866,
85.8661

■ 3.2494, 2.6737,
7.3218

■ 75.9606, 73.5020,
112.2148

■ 1.2870, 0.9639,
3.5827

■ 99.1571, 96.6416,
143.4676

■ 0.1735, 0.0000,
1.3993

126.6519,
124.1897, 180.0430

■ 0.0000, 0.0000,
0.1412

158.8104,

■ 0.0000, 0.0000,

156.5306, 222.3595

0.0000

195.9980,
194.0488, 270.8358

■ 18.8512, 17.3408,
32.0593

■ 18.8512, 17.3408,
32.0593

■ 15.8125, 13.5453,
31.4871

■ 22.3784, 21.8065,
32.7357

■ 13.2386, 10.3854,
31.0129

■ 26.4129, 26.9707,
33.5198

■ 11.1063, 7.8262,
30.6313

■ 30.9746, 32.8627,
34.4166

■ 9.3898, 5.8289,
30.3362

■ 36.0818, 39.5093,
35.4304

■ 8.0603, 4.3498,
30.1208

■ 41.7521, 46.9360,
36.5650

■ 7.0853, 3.3386,
29.9770

■ 48.0019, 55.1673,
37.8244

■ 6.4135, 2.7096,
29.8910

■ 54.8473, 64.2263,
39.2122

■ 6.2811, 2.5833,
29.8736

■ 62.3036, 74.1354,
40.7319

■ 70.3856, 84.9160,
42.3868

Harmonies

Analogous

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



16.5340, 17.3408, 34.6561



18.8512, 17.3408, 32.0593



20.6620, 17.3408, 25.8162

Triad

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



18.8512, 17.3408, 32.0593



18.7527, 17.3408, 9.8262



12.4304, 17.3408, 19.0307

Complementary

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



18.8512, 17.3408, 32.0593



25.3709, 29.4223, 19.0945

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.



12.9075, 17.3408, 13.3147



18.8512, 17.3408, 32.0593



16.4299, 17.3408, 8.8100

Square

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



18.8512, 17.3408, 32.0593



20.6015, 17.3408, 13.1111



14.3200, 17.3408, 9.9230



12.9518, 17.3408, 26.1358

Rectangle

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



18.8512, 17.3408, 32.0593



21.2608, 17.3408, 21.0172



14.3200, 17.3408, 9.9230



12.4789, 17.3408, 16.8951

Sweetspot

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



18.8518, 17.3415, 32.0597



46.2239, 47.0951, 59.0877



22.0112, 25.4080, 33.4502



10.2656, 10.3952, 13.3829



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.



18.8518, 17.3415, 32.0597



29.9493, 26.4431, 55.9592



21.9583, 18.9430, 32.2051



6.0021, 6.0870, 7.7875



5.2891, 2.1777, 25.0493



0.1052, 0.0460, 0.3757

Inverse Universe

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



23.4832, 19.8111, 28.5733



39.5388, 31.5614, 48.5166



22.1545, 27.7642, 18.9439



6.4045, 6.3010, 7.5103



13.6826, 6.7273, 15.3855



0.2172, 0.1056, 0.2966

Previews

White Background



This preview shows how the XYZ color 18.8512, 17.3408, 32.0593 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 18.8512, 17.3408, 32.0593 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 18.8512, 17.3408, 32.0593

Background



This preview shows how black text looks on a background with the XYZ color 18.8512, 17.3408, 32.0593.



This preview shows how white text looks on a background with the XYZ color 18.8512, 17.3408,

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

18.8512, 17.3408, 32.0593

Protanopia

17.6426, 17.3442, 33.4283

Deuteranopia

17.7876, 17.4571, 31.7102



Tritanopia

16.7083, 17.2941, 21.5263

Trichromacy



Original Color

18.8512, 17.3408, 32.0593

Protanomaly

18.0445, 17.3946, 32.9783

Deuteranomaly

18.1731, 17.4894, 31.6961

Tritanomaly

17.4107, 17.2445, 24.9651

Monochromacy



Original Color

18.8512, 17.3408, 32.0593

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.5178, 17.4979, 23.5732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8512, 17.3408, 32.0593 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(119, 110, 152)` looks like.

```
.text, #text, p{  
    color:rgb(119, 110, 152)  
}
```

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(119, 110, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 110, 152) }
```

Border

The CSS property to change the border of an element to XYZ 18.8512, 17.3408, 32.0593 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(119, 110, 152) }
```


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

```
.border{ border-color:rgb(119, 110, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 110, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 110, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 110, 152);  
box-shadow:4px 4px 4px 4px rgb(119, 110,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8512, 17.3408, 32.0593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 110, 152) }
```

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

```
.background{ background-color: rgb(119,  
110, 152) }
```

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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