

Converting Colors

XYZ(17.7183, 16.7885, 23.4259)

Have a look what the booklet for
XYZ(17.7183, 16.7885, 23.4259)
contains.

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Color

**XYZ(17.6663, 16.7599,
23.4230)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6D82
RGB	123, 109, 130
RGB Percent	48%, 43%, 51%
CMY	0.5176, 0.5725, 0.4902
CMYK	0.05, 0.16, 0.00, 0.49
HSL	280°, 9%, 47%
HSV	280°, 16%, 51%
XYZ	17.6663, 16.7599, 23.4230
YIQ	115.5800, 1.6030, 9.4990

Conversions

Conversions Part 2

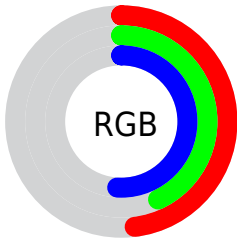
Format	Color
R_{YB}	123, 109, 130
Decimal	8088962
CIE Lab	47.96, 9.67, -9.57
CIE LCh	48, 13.606, 315.315
Yxy	16.7599, 0.3054, 0.2897
Android (android.graphics.Color)	4286279042 (0xFF7B6D82)
YUV	115.5800, 7.1091, 6.5073
Hunter-Lab	40.9389, 5.3849, -5.2653

Details

The XYZ color **17.6663, 16.7599, 23.4230** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9459, 20.7828, 17.5344**, and the grayscale version is **16.4511, 17.3078, 18.8482**.

A 20% lighter version of the original color is **39.1966, 38.1387, 50.0954**, and **5.9780, 5.3874, 8.5094** is the 20% darker color. If you saturate the color by 10%, you get **15.7747, 13.8764, 22.9664**, and if you desaturate by 10%, it is **19.7915, 20.0692, 23.9500**.

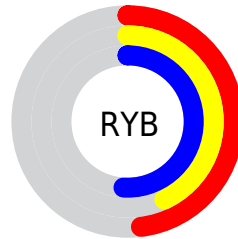
Distribution



Red (48%)

Green (43%)

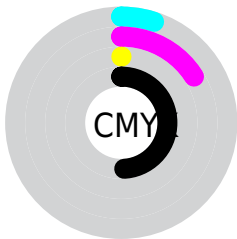
Blue (51%)



Red (48%)

Yellow (43%)

Blue (51%)

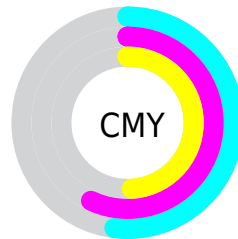


Cyan (5%)

Magenta (16%)

Yellow (0%)

Black (49%)



Cyan (52%)

Magenta (57%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6663, 16.7599, 23.4230 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 17.6663, 16.7599, 23.4230 by changing the saturation by 10% instead.

■ 17.6663, 16.7599,
23.4230

■ 17.6663, 16.7599,
23.4230

232.0655,
233.7849, 283.0822

■ 10.8089, 10.0635,
14.6979

■ 39.0024, 37.9125,
50.0189

■ 6.0048, 5.4411,
8.4634

■ 54.2119, 53.1374,
68.7269

■ 2.8887, 2.5083,
4.3009

■ 72.9361, 71.9740,
91.5995

■ 1.0952, 0.8808,
1.7918

■ 95.5404, 94.8066,
119.0554

■ 0.0211, 0.0000,
0.4225

122.3901,
122.0196, 151.5131

■ 0.0000, 0.0000,
0.0000

153.8506,

153.9974, 189.3911

190.2873,
191.1243, 233.1080

■ 17.6663, 16.7599,
23.4230

■ 17.6663, 16.7599,
23.4230

■ 15.7747, 13.8764,
22.9664

■ 19.7915, 20.0692,
23.9500

■ 14.1058, 11.3985,
22.5761

■ 22.1576, 23.8193,
24.5491

■ 12.6502, 9.3074,
22.2492

■ 24.7733, 28.0268,
25.2234

■ 11.3970, 7.5821,
21.9822

■ 27.6465, 32.7071,
25.9754

■ 10.3344, 6.1993,
21.7713

■ 30.7847, 37.8747,
26.8074

■ 9.4492, 5.1332,
21.6122

■ 34.1951, 43.5434,
27.7218

■ 8.7263, 4.3542,
21.4999

■ 37.8846, 49.7267,
28.7209

■ 8.1398, 3.8113,
21.4260

■ 41.8599, 56.4374,
29.8067

■ 7.9287, 3.6219,
21.4006

■ 46.1273, 63.6879,
30.9812

Harmonies

Analogous

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



16.5609, 16.7599, 25.5700



17.6663, 16.7599, 23.4230



18.3221, 16.7599, 20.0152

Triad

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



17.6663, 16.7599, 23.4230



16.5352, 16.7599, 12.4632



13.7614, 16.7599, 20.0917

Complementary

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



17.6663, 16.7599, 23.4230



17.9459, 20.7828, 17.5344

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.



13.7554, 16.7599, 16.5892



17.6663, 16.7599, 23.4230



15.3149, 16.7599, 12.4781

Square

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



17.6663, 16.7599, 23.4230



17.6467, 16.7599, 13.8549



14.3110, 16.7599, 13.8987



14.3280, 16.7599, 23.4851

Rectangle

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



17.6663, 16.7599, 23.4230



18.3956, 16.7599, 17.6301



14.3110, 16.7599, 13.8987



13.6948, 16.7599, 18.8816

Sweetspot

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



17.6668, 16.7606, 23.4234



35.2670, 35.9926, 42.2810



16.6224, 17.4352, 23.6086



7.9298, 8.0638, 9.5569



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.6668, 16.7606, 23.4234



29.9756, 27.7705, 40.9729



18.4960, 17.2122, 22.3753



4.3632, 4.3428, 5.4216



7.6097, 3.4766, 20.5199



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.8275, 16.9447, 18.8547



30.3272, 28.1633, 31.4341



17.2229, 20.3901, 18.4017



4.3823, 4.3661, 4.8178



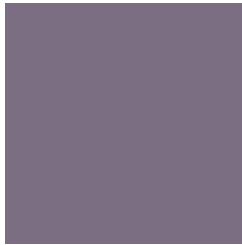
9.2540, 4.7213, 2.6613



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.6663, 16.7599, 23.4230 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 17.6663, 16.7599, 23.4230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

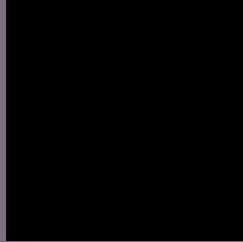
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6663, 16.7599, 23.4230

Background



This preview shows how black text looks on a background with the XYZ color 17.6663, 16.7599, 23.4230.



This preview shows how white text looks on a background with the XYZ color 17.6663, 16.7599,

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

17.6663, 16.7599, 23.4230

Protanopia

16.5692, 16.8187, 24.5633

Deuteranopia

17.1849, 16.8321, 23.4623



Tritanopia

16.9598, 16.7899, 20.1162

Trichromacy



Original Color

17.6663, 16.7599, 23.4230

Protanomaly

17.0293, 16.8991, 24.1941

Deuteranomaly

17.3509, 16.7566, 23.4390

Tritanomaly

17.2401, 16.7447, 21.3922

Monochromacy



Original Color

17.6663, 16.7599, 23.4230

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9641, 17.1127, 20.4981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6663, 16.7599, 23.4230 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(123, 109, 130)` looks like.

```
.text, #text, p{  
    color:rgb(123, 109, 130)  
}
```

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(123, 109, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 109, 130) }
```

Border

The CSS property to change the border of an element to XYZ 17.6663, 16.7599, 23.4230 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(123, 109, 130) }
```


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

```
.border{ border-color:rgb(123, 109, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 109, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 109, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 109, 130);  
box-shadow:4px 4px 4px 4px rgb(123, 109,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6663, 16.7599, 23.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 109, 130) }
```

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

```
.background{ background-color: rgb(123,  
109, 130) }
```

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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