

Converting Colors

XYZ(17.1104, 16.7358, 30.9211)

Have a look what the booklet for
XYZ(17.1104, 16.7358, 30.9211)
contains.

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Color

**XYZ(17.1628, 16.8224,
30.7762)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7095
RGB	106, 112, 149
RGB Percent	42%, 44%, 58%
CMY	0.5843, 0.5608, 0.4157
CMYK	0.29, 0.25, 0.00, 0.42
HSL	232°, 17%, 50%
HSV	232°, 29%, 58%
XYZ	17.1628, 16.8224, 30.7762
YIQ	114.4240, -15.4530, 10.2350

Conversions

Conversions Part 2

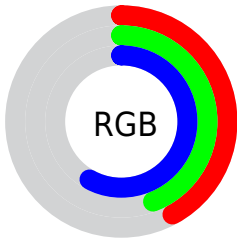
Format	Color
R_{YB}	106, 111, 149
Decimal	6975637
CIE Lab	48.04, 6.59, -20.85
CIE LCh	48, 21.867, 287.552
Yxy	16.8224, 0.2650, 0.2598
Android (android.graphics.Color)	4285165717 (0xFF6A7095)
YUV	114.4240, 17.0460, -7.3878
Hunter-Lab	41.0151, 2.9170, -15.7784

Details

The XYZ color **17.1628, 16.8224, 30.7762** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.8186, 27.0752, 17.5541**, and the grayscale version is **16.0757, 16.9128, 18.4181**.

A 20% lighter version of the original color is **38.1555, 38.1318, 61.8491**, and **5.7253, 5.4185, 12.2994** is the 20% darker color. If you saturate the color by 10%, you get **14.2283, 13.3574, 30.2623**, and if you desaturate by 10%, it is **20.6075, 20.8503, 31.3724**.

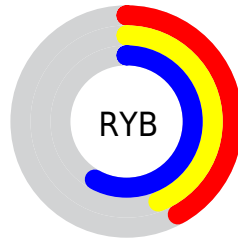
Distribution



Red (42%)

Green (44%)

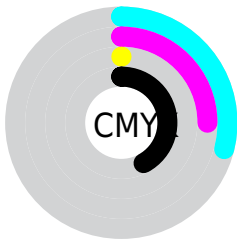
Blue (58%)



Red (42%)

Yellow (44%)

Blue (58%)

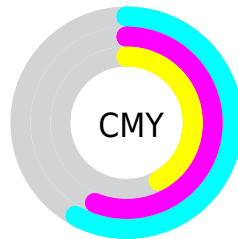


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (56%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1628, 16.8224, 30.7762 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 17.1628, 16.8224, 30.7762 by changing the saturation by 10% instead.

■ 17.1628, 16.8224,
30.7762

■ 17.1628, 16.8224,
30.7762

229.2468,
234.1468, 319.8252

■ 10.4467, 10.1079,
20.1715

■ 38.1468, 38.0202,
61.9630

■ 5.7606, 5.4706,
12.3344

■ 53.1455, 53.2723,
83.3821

■ 2.7393, 2.5259,
6.8466

■ 71.6356, 72.1390,
109.2431

■ 1.0175, 0.8896,
3.2893

■ 93.9826, 95.0049,
139.9645

■ 0.0000, 0.0000,
1.2442

120.5519,
122.2542, 175.9649

■ 0.0000, 0.0000,
0.0154

151.7088,

■ 0.0000, 0.0000,

154.2714, 217.6628

0.0000

187.8187,
191.4408, 265.4767

■ 17.1628, 16.8224,
30.7762

■ 17.1628, 16.8224,
30.7762

■ 14.2283, 13.3574,
30.2623

■ 20.6075, 20.8503,
31.3724

■ 11.7781, 10.4280,
29.8261

■ 24.5835, 25.4625,
32.0531

■ 9.7861, 8.0080,
29.4639

■ 29.1127, 30.6820,
32.8218

■ 8.2235, 6.0677,
29.1718

■ 34.2154, 36.5298,
33.6816

■ 7.0580, 4.5747,
28.9450

■ 39.9105, 43.0259,
34.6353

■ 6.2523, 3.4921,
28.7785

■ 46.2165, 50.1894,
35.6857

■ 5.7380, 2.7646,
28.6652

■ 53.1507, 58.0387,
36.8353

■ 5.6892, 2.6987,
28.6551

■ 60.7300, 66.5914,
38.0866

■ 68.9704, 75.8644,
39.4422

Harmonies

Analogous

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



15.1840, 16.8224, 31.1321



17.1628, 16.8224, 30.7762



18.9604, 16.8224, 26.6877

Triad

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



17.1628, 16.8224, 30.7762



18.6936, 16.8224, 11.4025



12.5580, 16.8224, 16.0695

Complementary

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



17.1628, 16.8224, 30.7762



24.8186, 27.0752, 17.5541

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.



13.3458, 16.8224, 11.9095



17.1628, 16.8224, 30.7762



16.8224, 16.8224, 9.6121

Square

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



17.1628, 16.8224, 30.7762



19.8930, 16.8224, 15.2268



14.8703, 16.8224, 9.7763



12.6328, 16.8224, 21.7988

Rectangle

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



17.1628, 16.8224, 30.7762



19.7648, 16.8224, 22.7947



14.8703, 16.8224, 9.7763



12.7279, 16.8224, 14.4674

Sweetspot

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



17.1634, 16.8231, 30.7766



43.7792, 45.3148, 57.3605



21.6156, 26.5289, 29.7899



9.4805, 9.7860, 12.6741



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.1634, 16.8231, 30.7766



27.0398, 25.7692, 54.4700



18.4714, 16.5470, 30.6544



5.5609, 5.7558, 7.2876



4.8023, 2.2994, 24.1218



0.0713, 0.0533, 0.2994

Inverse Universe

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



20.4735, 17.8680, 17.6997



34.0578, 28.1185, 26.7152



23.1729, 27.6000, 17.7422



5.8318, 5.8278, 6.2205



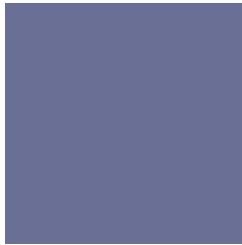
10.5511, 5.4255, 1.1169



0.1355, 0.0689, 0.0470

Previews

White Background



This preview shows how the XYZ color 17.1628, 16.8224, 30.7762 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 17.1628, 16.8224, 30.7762 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 17.1628, 16.8224, 30.7762

Background



This preview shows how black text looks on a background with the XYZ color 17.1628, 16.8224, 30.7762.



This preview shows how white text looks on a background with the XYZ color 17.1628, 16.8224,

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

17.1628, 16.8224, 30.7762

Protanopia

17.0389, 16.9232, 30.8022

Deuteranopia

17.1628, 16.8224, 30.7762



Tritanopia

15.3781, 16.7638, 22.1639

Trichromacy



Original Color

17.1628, 16.8224, 30.7762

Protanomaly

17.1556, 16.9834, 30.8077

Deuteranomaly

17.1628, 16.8224, 30.7762

Tritanomaly

16.0273, 16.8663, 24.9650

Monochromacy



Original Color

17.1628, 16.8224, 30.7762

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.2914, 16.7221, 22.4477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1628, 16.8224, 30.7762 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(106, 112, 149)` looks like.

```
.text, #text, p{  
    color:rgb(106, 112, 149)  
}
```

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(106, 112, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 112, 149) }
```

Border

The CSS property to change the border of an element to XYZ 17.1628, 16.8224, 30.7762 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(106, 112, 149) }
```


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

```
.border{ border-color:rgb(106, 112, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 112, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 112, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 112, 149);  
box-shadow:4px 4px 4px 4px rgb(106, 112,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1628, 16.8224, 30.7762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 112, 149) }
```

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

```
.background{ background-color: rgb(106,  
112, 149) }
```

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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