

Converting Colors

XYZ(17.3382, 16.7622, 27.9702)

Have a look what the booklet for
XYZ(17.3382, 16.7622, 27.9702)
contains.

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Color

**XYZ(17.3770, 16.8326,
27.9243)**

Conversions

Conversions Part 1

Format	Color
Hex	716F8E
RGB	113, 111, 142
RGB Percent	44%, 44%, 56%
CMY	0.5569, 0.5647, 0.4431
CMYK	0.20, 0.22, 0.00, 0.44
HSL	244°, 12%, 50%
HSV	244°, 22%, 56%
XYZ	17.3770, 16.8326, 27.9243
YIQ	115.1320, -8.7590, 10.0650

Conversions

Conversions Part 2

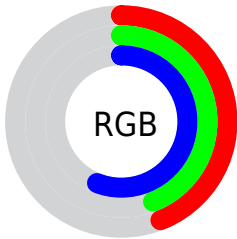
Format	Color
R_{YB}	113, 111, 142
Decimal	7434126
CIE _{Lab}	48.05, 7.71, -16.64
CIE _{LCh}	48, 18.339, 294.859
Yxy	16.8326, 0.2797, 0.2709
Android (android.graphics.Color)	4285624206 (0xFF716F8E)
YUV	115.1320, 13.2459, -1.8698
Hunter-Lab	41.0276, 3.8045, -11.6349

Details

The XYZ color **17.3770, 16.8326, 27.9243** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.3579, 26.0695, 18.8405**, and the grayscale version is **16.2992, 17.1480, 18.6741**.

A 20% lighter version of the original color is **38.5780, 38.1792, 57.5606**, and **5.8236, 5.4177, 10.8640** is the 20% darker color. If you saturate the color by 10%, you get **14.3633, 13.1592, 27.3744**, and if you desaturate by 10%, it is **20.8883, 21.1290, 28.5688**.

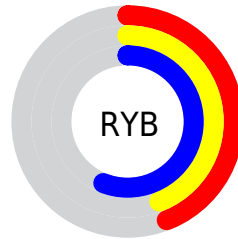
Distribution



Red (44%)

Green (44%)

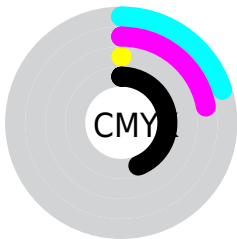
Blue (56%)



Red (44%)

Yellow (44%)

Blue (56%)

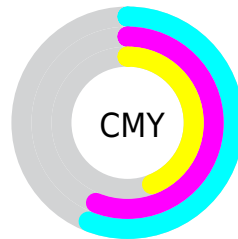


Cyan (20%)

Magenta (22%)

Yellow (0%)

Black (44%)



Cyan (56%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3770, 16.8326, 27.9243 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 17.3770, 16.8326, 27.9243 by changing the saturation by 10% instead.

■ 17.3770, 16.8326,
27.9243

■ 17.3770, 16.8326,
27.9243

230.4498,
234.2059, 306.0056

■ 10.6006, 10.1152,
18.0301

■ 38.5113, 38.0377,
57.3852

■ 5.8643, 5.4754,
10.8019

■ 53.5999, 53.2943,
77.7890

■ 2.8026, 2.5288,
5.8213

■ 72.1900, 72.1660,
102.5329

■ 1.0502, 0.8910,
2.6697

■ 94.6469, 95.0372,
132.0357

■ 0.0000, 0.0000,
0.9281

121.3360,
122.2925, 166.7158

■ 0.0000, 0.0000,
0.0000

152.6226,

154.3160, 206.9918

188.8721,
191.4924, 253.2822

■ 17.3770, 16.8326,
27.9243

■ 17.3770, 16.8326,
27.9243

■ 14.3633, 13.1592,
27.3744

■ 20.8883, 21.1290,
28.5688

■ 11.8232, 10.0779,
26.9135

■ 24.9165, 26.0733,
29.3108

■ 9.7330, 7.5584,
26.5374

■ 29.4821, 31.6915,
30.1546

■ 8.0665, 5.5667,
26.2408

■ 34.6038, 38.0075,
31.1038

■ 6.7944, 4.0652,
26.0180

■ 40.2994, 45.0443,
32.1618

■ 5.8843, 3.0113,
25.8625

■ 46.5860, 52.8235,
33.3320

■ 5.2980, 2.3553,
25.7668

■ 53.4800, 61.3660,
34.6176

■ 4.9972, 2.0121,
25.7164

■ 60.9970, 70.6919,
36.0215

■ 69.1522, 80.8205,
37.5466

Harmonies

Analogous

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



15.7149, 16.8326, 29.0096



17.3770, 16.8326, 27.9243



18.7503, 16.8326, 24.1022

Triad

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



17.3770, 16.8326, 27.9243



17.9052, 16.8326, 11.8290



13.0288, 16.8326, 17.5217

Complementary

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



17.3770, 16.8326, 27.9243



23.3579, 26.0695, 18.8405

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.



13.5307, 16.8326, 13.5583



17.3770, 16.8326, 27.9243



16.2863, 16.8326, 10.6546

Square

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



17.3770, 16.8326, 27.9243



19.0697, 16.8326, 14.7510



14.6956, 16.8326, 11.2283



13.2768, 16.8326, 22.4407

Rectangle

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



17.3770, 16.8326, 27.9243



19.2782, 16.8326, 20.8179



14.6956, 16.8326, 11.2283



13.1143, 16.8326, 16.0447

Sweetspot

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



17.3775, 16.8333, 27.9247



40.0457, 41.1975, 50.9691



20.8825, 24.2208, 29.1659



8.8688, 9.1089, 11.3702



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.3775, 16.8333, 27.9247



28.0328, 26.4980, 48.7650



19.4771, 17.9156, 28.0229



5.1598, 5.2706, 6.7741



4.4929, 1.8097, 23.0896



0.0481, 0.0199, 0.2210

Inverse Universe

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



21.5739, 19.0138, 27.3444



36.7479, 31.0276, 47.5111



20.9929, 24.8503, 18.7298



5.6115, 5.5051, 6.7179



13.8098, 6.6809, 20.4474



0.1350, 0.0650, 0.2110

Previews

White Background



This preview shows how the XYZ color 17.3770, 16.8326, 27.9243 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 17.3770, 16.8326, 27.9243 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 17.3770, 16.8326, 27.9243

Background



This preview shows how black text looks on a background with the XYZ color 17.3770, 16.8326, 27.9243.



This preview shows how white text looks on a background with the XYZ color 17.3770, 16.8326,

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

17.3770, 16.8326, 27.9243

Protanopia

16.9265, 16.9192, 28.3602

Deuteranopia

17.2322, 16.9208, 27.9490



Tritanopia

16.0229, 16.7797, 21.1332

Trichromacy



Original Color

17.3770, 16.8326, 27.9243

Protanomaly

17.0588, 16.8227, 28.3346

Deuteranomaly

17.3587, 16.9861, 27.9549

Tritanomaly

16.4899, 16.8015, 23.4930

Monochromacy



Original Color

17.3770, 16.8326, 27.9243

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.6584, 17.0927, 21.8233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3770, 16.8326, 27.9243 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(113, 111, 142)` looks like.

```
.text, #text, p{  
    color:rgb(113, 111, 142)  
}
```

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(113, 111, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 111, 142) }
```

Border

The CSS property to change the border of an element to XYZ 17.3770, 16.8326, 27.9243 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(113, 111, 142) }
```


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

```
.border{ border-color:rgb(113, 111, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 111, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 111, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 111, 142);  
box-shadow:4px 4px 4px 4px rgb(113, 111,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3770, 16.8326, 27.9243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 111, 142) }
```

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

```
.background{ background-color: rgb(113,  
111, 142) }
```

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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