

Converting Colors

XYZ(17.0598, 16.6734, 28.2264)

Have a look what the booklet for
XYZ(17.0598, 16.6734, 28.2264)
contains.

XYZ(17.0728, 16.6670, 28.3038)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.0728, 16.6670,
28.3038)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6F8F
RGB	110, 111, 143
RGB Percent	43%, 44%, 56%
CMY	0.5686, 0.5647, 0.4392
CMYK	0.23, 0.22, 0.00, 0.44
HSL	238°, 13%, 50%
HSV	238°, 23%, 56%
XYZ	17.0728, 16.6670, 28.3038
YIQ	114.3490, -10.8680, 9.7400

Conversions

Conversions Part 2

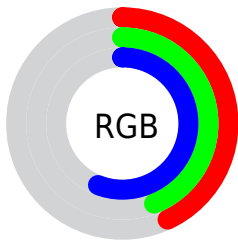
Format	Color
R_{YB}	110, 111, 143
Decimal	7237519
CIE Lab	47.84, 6.95, -17.58
CIE LCh	48, 18.901, 291.581
Yxy	16.6670, 0.2752, 0.2686
Android (android.graphics.Color)	4285427599 (0xFF6E6F8F)
YUV	114.3490, 14.1249, -3.8141
Hunter-Lab	40.8252, 3.2032, -12.5276

Details

The XYZ color **17.0728, 16.6670, 28.3038** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.8155, 26.3118, 18.5760**, and the grayscale version is **16.0606, 16.8971, 18.4009**.

A 20% lighter version of the original color is **38.0755, 37.9070, 58.1333**, and **5.7399, 5.3695, 11.0898** is the 20% darker color. If you saturate the color by 10%, you get **14.0378, 13.0283, 27.7617**, and if you desaturate by 10%, it is **20.6309, 20.9249, 28.9384**.

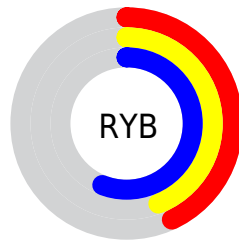
Distribution



Red (43%)

Green (44%)

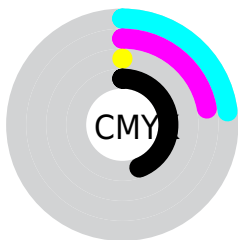
Blue (56%)



Red (43%)

Yellow (44%)

Blue (56%)

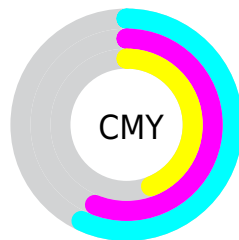


Cyan (23%)

Magenta (22%)

Yellow (0%)

Black (44%)



Cyan (57%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0728, 16.6670, 28.3038 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 17.0728, 16.6670, 28.3038 by changing the saturation by 10% instead.

■ 17.0728, 16.6670,
28.3038

■ 17.0728, 16.6670,
28.3038

228.7396,
233.2460, 307.8732

■ 10.3820, 9.9974,
18.3138

■ 37.9935, 37.7523,
57.9980

■ 5.7172, 5.3972,
11.0037

■ 52.9542, 52.9368,
78.5393

■ 2.7129, 2.4821,
5.9551

■ 71.4021, 71.7284,
103.4347

■ 1.0038, 0.8677,
2.7495

■ 93.7028, 94.5114,
133.1029

■ 0.0000, 0.0000,
0.9682

120.2216,
121.6703, 167.9623

■ 0.0000, 0.0000,
0.0000

151.3237,

153.5894, 208.4314

187.3746,
190.6532, 254.9289

■ 17.0728, 16.6670,
28.3038

■ 17.0728, 16.6670,
28.3038

■ 14.0378, 13.0283,
27.7617

■ 20.6309, 20.9249,
28.9384

■ 11.4997, 9.9780,
27.3067

■ 24.7335, 25.8268,
29.6683

■ 9.4326, 7.4859,
26.9346

■ 29.4027, 31.3985,
30.4977

■ 7.8075, 5.5182,
26.6405

■ 34.6588, 37.6641,
31.4300

■ 6.5922, 4.0374,
26.4187

■ 40.5213, 44.6462,
32.4687

■ 5.7500, 3.0010,
26.2630

■ 47.0086, 52.3664,
33.6170

■ 5.2381, 2.3594,
26.1662

■ 54.1384, 60.8456,
34.8778

■ 5.0050, 2.0773,
26.1240

■ 61.9278, 70.1036,
36.2543

■ 70.3931, 80.1598,
37.7491

Harmonies

Analogous

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



15.3683, 16.6670, 29.0563



17.0728, 16.6670, 28.3038



18.5393, 16.6670, 24.5994

Triad

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



17.0728, 16.6670, 28.3038



17.9579, 16.6670, 11.7638



12.8266, 16.6670, 16.8127

Complementary

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



17.0728, 16.6670, 28.3038



23.8155, 26.3118, 18.5760

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.



13.4190, 16.6670, 12.9356



17.0728, 16.6670, 28.3038



16.3243, 16.6670, 10.3811

Square

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



17.0728, 16.6670, 28.3038



19.0752, 16.6670, 14.9214



14.6708, 16.6670, 10.7680



12.9956, 16.6670, 21.8081

Rectangle

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



17.0728, 16.6670, 28.3038



19.1450, 16.6670, 21.2649



14.6708, 16.6670, 10.7680



12.9417, 16.6670, 15.3508

Sweetspot

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



17.0733, 16.6677, 28.3042



41.1813, 42.5342, 52.5775



21.1283, 24.9103, 29.2467



9.3588, 9.6525, 12.0421



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.0733, 16.6677, 28.3042



27.4638, 26.1201, 50.1322



19.0503, 17.5258, 28.3656



5.1419, 5.2796, 6.7768



4.4282, 1.8424, 23.0993



0.0444, 0.0218, 0.2215

Inverse Universe

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



19.7733, 18.1398, 17.4987



33.2312, 29.2823, 27.0471



21.4794, 25.3293, 18.5095



5.4151, 5.4266, 5.6839



10.0383, 5.1723, 0.5869



0.0970, 0.0499, 0.0112

Previews

White Background



This preview shows how the XYZ color 17.0728, 16.6670, 28.3038 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 17.0728, 16.6670, 28.3038 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 17.0728, 16.6670, 28.3038

Background



This preview shows how black text looks on a background with the XYZ color 17.0728, 16.6670, 28.3038.



This preview shows how white text looks on a background with the XYZ color 17.0728, 16.6670,

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

17.0728, 16.6670, 28.3038

Protanopia

16.7721, 16.6661, 28.7185

Deuteranopia

16.9490, 16.6033, 28.2980



Tritanopia

15.7127, 16.7809, 21.4797

Trichromacy



Original Color

17.0728, 16.6670, 28.3038

Protanomaly

16.8916, 16.7278, 28.7241

Deuteranomaly

16.9490, 16.6033, 28.2980

Tritanomaly

16.1775, 16.7991, 23.8626

Monochromacy



Original Color

17.0728, 16.6670, 28.3038

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.4169, 16.8016, 21.7798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0728, 16.6670, 28.3038 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(110, 111, 143)` looks like.

```
.text, #text, p{  
    color:rgb(110, 111, 143)  
}
```

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(110, 111, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 111, 143) }
```

Border

The CSS property to change the border of an element to XYZ 17.0728, 16.6670, 28.3038 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(110, 111, 143) }
```


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

```
.border{ border-color:rgb(110, 111, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 111, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 111, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 111, 143);  
box-shadow:4px 4px 4px 4px rgb(110, 111,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0728, 16.6670, 28.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 111, 143) }
```

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

```
.background{ background-color: rgb(110,  
111, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor