

Converting Colors

XYZ(17.2378, 16.6755, 24.5031)

Have a look what the booklet for
XYZ(17.2378, 16.6755, 24.5031)
contains.

XYZ(17.2808, 16.6969, 24.5023)	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(17.2808, 16.6969,
24.5023)**

Conversions

Conversions Part 1

Format	Color
Hex	766E85
RGB	118, 110, 133
RGB Percent	46%, 43%, 52%
CMY	0.5372, 0.5686, 0.4784
CMYK	0.11, 0.17, 0.00, 0.48
HSL	261°, 9%, 48%
HSV	261°, 17%, 52%
XYZ	17.2808, 16.6969, 24.5023
YIQ	115.0140, -2.6150, 8.8490

Conversions

Conversions Part 2

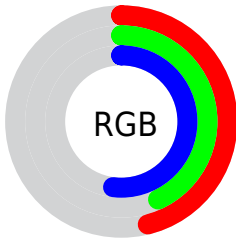
Format	Color
R_{YB}	118, 110, 133
Decimal	7761541
CIE Lab	47.88, 7.93, -11.52
CIE LCh	48, 13.984, 304.540
Yxy	16.6969, 0.2955, 0.2855
Android (android.graphics.Color)	4285951621 (0xFF766E85)
YUV	115.0140, 8.8671, 2.6187
Hunter-Lab	40.8618, 3.9809, -6.9492

Details

The XYZ color **17.2808, 16.6969, 24.5023** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.6600, 22.2612, 18.0133**, and the grayscale version is **16.2749, 17.1225, 18.6464**.

A 20% lighter version of the original color is **38.3608, 37.9319, 51.7541**, and **5.8097, 5.3719, 8.9143** is the 20% darker color. If you saturate the color by 10%, you get **14.8279, 13.4600, 24.0071**, and if you desaturate by 10%, it is **20.0585, 20.4218, 25.0751**.

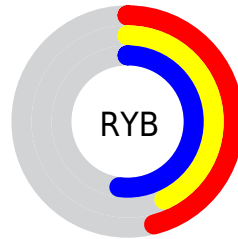
Distribution



Red (46%)

Green (43%)

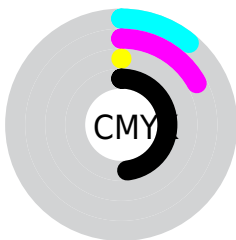
Blue (52%)



Red (46%)

Yellow (43%)

Blue (52%)

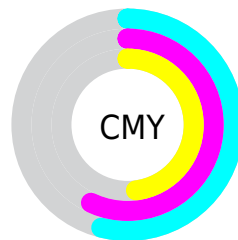


Cyan (11%)

Magenta (17%)

Yellow (0%)

Black (48%)



Cyan (54%)

Magenta (57%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2808, 16.6969, 24.5023 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 17.2808, 16.6969, 24.5023 by changing the saturation by 10% instead.

■ 17.2808, 16.6969,
24.5023

■ 17.2808, 16.6969,
24.5023

229.9102,
233.4196, 288.7181

■ 10.5314, 10.0186,
15.4910

■ 38.3477, 37.8039,
51.8027

■ 5.8177, 5.4113,
9.0143

■ 53.3960, 53.0014,
70.9289

■ 2.7741, 2.4906,
4.6535

■ 71.9412, 71.8075,
94.2638

■ 1.0355, 0.8719,
1.9903

■ 94.3489, 94.6065,
122.2260

■ 0.0000, 0.0000,
0.5493

120.9842,
121.7828, 155.2340

■ 0.0000, 0.0000,
0.0000

152.2127,

153.7208, 193.7063

188.3996,
190.8049, 238.0615

■ 17.2808, 16.6969,
24.5023

■ 17.2808, 16.6969,
24.5023

■ 14.8279, 13.4600,
24.0071

■ 20.0585, 20.4218,
25.0751

■ 12.6858, 10.6885,
23.5850

■ 23.1711, 24.6521,
25.7276

■ 10.8417, 8.3608,
23.2329

■ 26.6305, 29.4068,
26.4630

■ 9.2812, 6.4531,
22.9469

■ 30.4471, 34.7031,
27.2842

■ 7.9887, 4.9389,
22.7228

■ 34.6312, 40.5578,
28.1937

6.9468, 3.7890,
22.5557

39.1925, 46.9866,
29.1942

6.1360, 2.9695,
22.4403

44.1403, 54.0048,
30.2881

5.5205, 2.4149,
22.3657

49.4838, 61.6271,
31.4777

5.3720, 2.2803,
22.3475

55.2316, 69.8675,
32.7653

Harmonies

Analogous

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



16.0621, 16.6969, 25.9945



17.2808, 16.6969, 24.5023



18.1549, 16.6969, 21.3227

Triad

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



17.2808, 16.6969, 24.5023



16.9323, 16.6969, 12.6167



13.5793, 16.6969, 18.7337

Complementary

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



17.2808, 16.6969, 24.5023



19.6600, 22.2612, 18.0133

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.



13.7852, 16.6969, 15.3625



17.2808, 16.6969, 24.5023



15.6793, 16.6969, 12.1134

Square

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



17.2808, 16.6969, 24.5023



17.9463, 16.6969, 14.5294



14.5380, 16.6969, 13.0513



13.9602, 16.6969, 22.3961

Rectangle

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



17.2808, 16.6969, 24.5023



18.4008, 16.6969, 18.8471



14.5380, 16.6969, 13.0513



13.5824, 16.6969, 17.5290

Sweetspot

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



17.2813, 16.6976, 24.5027



37.0824, 38.1425, 45.1462



18.0405, 19.7608, 25.0539



8.2821, 8.4954, 10.1560



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.2813, 16.6976, 24.5027



29.0387, 27.3709, 43.4910



18.8887, 17.5262, 24.5779



4.5760, 4.6175, 5.8508



5.1250, 2.1762, 21.2866



0.0251, 0.0113, 0.0741

Inverse Universe

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



18.9510, 17.6198, 21.8049



32.6756, 29.3811, 37.5450



18.1203, 21.4675, 17.9413



4.7909, 4.7360, 5.5113



10.8461, 5.4028, 9.0281



0.0410, 0.0201, 0.0495

Previews

White Background



This preview shows how the XYZ color 17.2808, 16.6969, 24.5023 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 17.2808, 16.6969, 24.5023 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 17.2808, 16.6969, 24.5023

Background



This preview shows how black text looks on a background with the XYZ color 17.2808, 16.6969, 24.5023.



This preview shows how white text looks on a background with the XYZ color 17.2808, 16.6969,

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

17.2808, 16.6969, 24.5023

Protanopia

16.5850, 16.8107, 25.2923

Deuteranopia

16.9883, 16.7072, 24.5197



Tritanopia

16.4478, 16.6818, 20.4422

Trichromacy



Original Color

17.2808, 16.6969, 24.5023

Protanomaly

16.7793, 16.7543, 24.9038

Deuteranomaly

17.1205, 16.7753, 24.5259

Tritanomaly

16.7222, 16.6315, 21.7309

Monochromacy



Original Color

17.2808, 16.6969, 24.5023

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.6204, 16.9284, 20.8039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2808, 16.6969, 24.5023 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(118, 110, 133)` looks like.

```
.text, #text, p{  
    color:rgb(118, 110, 133)  
}
```

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(118, 110, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 110, 133) }
```

Border

The CSS property to change the border of an element to XYZ 17.2808, 16.6969, 24.5023 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(118, 110, 133) }
```


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

```
.border{ border-color:rgb(118, 110, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 110, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 110, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 110, 133);  
box-shadow:4px 4px 4px 4px rgb(118, 110,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2808, 16.6969, 24.5023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 110, 133) }
```

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

```
.background{ background-color: rgb(118,  
110, 133) }
```

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