

Converting Colors

XYZ(17.6348, 20.5632, 17.8359)

Have a look what the booklet for
XYZ(17.6348, 20.5632, 17.8359)
contains.

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Color

**XYZ(17.6072, 20.6018,
17.8004)**

Conversions

Conversions Part 1

Format	Color
Hex	71826E
RGB	113, 130, 110
RGB Percent	44%, 51%, 43%
CMY	0.5569, 0.4902, 0.5686
CMYK	0.13, 0.00, 0.15, 0.49
HSL	111°, 8%, 47%
HSV	111°, 15%, 51%
XYZ	17.6072, 20.6018, 17.8004
YIQ	122.6370, -3.7120, -9.8240

Conversions

Conversions Part 2

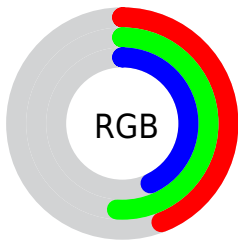
Format	Color
RYB	110, 130, 127
Decimal	7438958
CIELab	52.51, -10.28, 8.76
CIELCh	53, 13.507, 139.547
Yxy	20.6018, 0.3144, 0.3678
Android (android.graphics.Color)	4285629038 (0xFF71826E)
YUV	122.6370, -6.2300, -8.4516
Hunter-Lab	45.3892, -10.1881, 8.5205

Details

The XYZ color **17.6072, 20.6018, 17.8004** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.3584, 17.2762, 23.4872**, and the grayscale version is **18.7285, 19.7038, 21.4574**.

A 20% lighter version of the original color is **38.9721, 44.4749, 40.7129**, and **5.9919, 7.3565, 5.6616** is the 20% darker color. If you saturate the color by 10%, you get **15.6146, 19.6511, 14.2795**, and if you desaturate by 10%, it is **19.8779, 21.6851, 21.8773**.

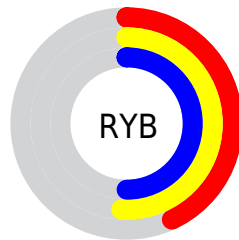
Distribution



Red (44%)

Green (51%)

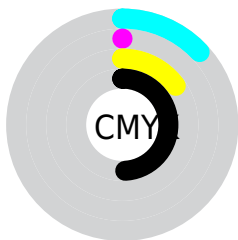
Blue (43%)



Red (43%)

Yellow (51%)

Blue (50%)

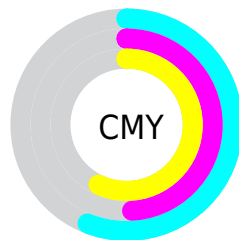


Cyan (13%)

Magenta (0%)

Yellow (15%)

Black (49%)



Cyan (56%)

Magenta (49%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6072, 20.6018, 17.8004 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 17.6072, 20.6018, 17.8004 by changing the saturation by 10% instead.

■ 17.6072, 20.6018,
17.8004

■ 17.6072, 20.6018,
17.8004

231.7363,
255.1546, 251.9418

■ 10.7663, 12.8332,
10.6388

■ 38.9022, 44.4239,
40.5063

■ 5.9761, 7.3138,
5.7134

■ 54.0871, 61.2462,
56.8876

■ 2.8710, 3.6591,
2.6057

■ 72.7839, 81.8552,
77.1793

■ 1.0859, 1.4848,
0.8954

■ 95.3582, 106.6353,
101.7999

■ 0.0133, 0.2780,
0.0000

122.1752,
135.9709, 131.1679

■ 0.0000, 0.0000,
0.0000

153.6003,

170.2464, 165.7018

189.9989,
209.8462, 205.8203

■ 17.6072, 20.6018,
17.8004

■ 17.6072, 20.6018,
17.8004

■ 15.6146, 19.6511,
14.2795

■ 19.8779, 21.6851,
21.8773

■ 13.8878, 18.8253,
11.2893

■ 22.4352, 22.9031,
26.5315

■ 12.4159, 18.1200,
8.8044

■ 25.2892, 24.2611,
31.7846

■ 11.1868, 17.5294,
6.7969

■ 28.4491, 25.7634,
37.6569

■ 10.1870, 17.0476,
5.2362

■ 31.9237, 27.4140,
44.1677

■ 9.4022, 16.6676,
4.0881

■ 35.7213, 29.2171,
51.3354

■ 8.8159, 16.3819,
3.3134

■ 39.8500, 31.1762,
59.1776

■ 8.4069, 16.1808,
2.8524

■ 44.3176, 33.2951,
67.7115

■ 8.2614, 16.1096,
2.6740

■ 49.1317, 35.5772,
76.9534

Harmonies

Analogous

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



18.6961, 20.6018, 15.9337



17.6072, 20.6018, 17.8004



17.0562, 20.6018, 21.0645

Triad

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



17.6072, 20.6018, 17.8004



19.0979, 20.6018, 30.8819



22.2241, 20.6018, 19.9546

Complementary

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



17.6072, 20.6018, 17.8004



18.3584, 17.2762, 23.4872

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.



22.3443, 20.6018, 23.8572



17.6072, 20.6018, 17.8004



20.4942, 20.6018, 30.4928

Square

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



17.6072, 20.6018, 17.8004



17.8893, 20.6018, 28.8115



21.6979, 20.6018, 27.8041



21.3770, 20.6018, 17.0712

Rectangle

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



17.6072, 20.6018, 17.8004



17.0495, 20.6018, 23.7324



21.6979, 20.6018, 27.8041



22.3524, 20.6018, 21.1797

Sweetspot

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



17.6078, 20.6027, 17.8009



35.1208, 38.2426, 38.7355



19.6107, 21.0514, 17.7819



7.8933, 8.6293, 8.6660



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.



17.6078, 20.6027, 17.8009



29.8958, 35.7508, 29.3720



17.6246, 20.5656, 19.8708



4.3315, 4.8473, 4.6275



7.9251, 15.4479, 2.5641



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.3584, 17.2762, 23.4872



31.4449, 28.8837, 41.1103



18.3578, 17.3283, 21.1168



4.4368, 4.3808, 5.4250



10.0938, 4.7573, 20.6362



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.6072, 20.6018, 17.8004 looks on a white 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

Black Background



This preview shows how the XYZ color 17.6072, 20.6018, 17.8004 looks on a black 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

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

XYZ 17.6072, 20.6018, 17.8004

Background



This preview shows how black text looks on a background with the XYZ color 17.6072, 20.6018, 17.8004.



This preview shows how white text looks on a background with the XYZ color 17.6072, 20.6018,

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

17.6072, 20.6018, 17.8004

Protanopia

19.3475, 20.5541, 16.8575

Deuteranopia

20.9173, 20.5954, 18.2021



Tritanopia

19.2409, 20.4812, 26.2317

Trichromacy



Original Color

17.6072, 20.6018, 17.8004

Protanomaly

18.6083, 20.5465, 17.1725

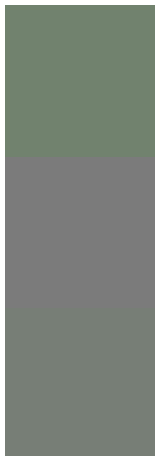
Deuteranomaly

19.4370, 20.3883, 17.9498

Tritanomaly

18.6226, 20.4241, 23.0394

Monochromacy



Original Color

17.6072, 20.6018, 17.8004

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.3386, 20.1517, 20.0626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6072, 20.6018, 17.8004 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, 130, 110)` looks like.

```
.text, #text, p{  
    color:rgb(113, 130, 110)  
}
```

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, 130, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 130, 110) }
```

Border

The CSS property to change the border of an element to XYZ 17.6072, 20.6018, 17.8004 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, 130, 110) }
```


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

```
.border{ border-color:rgb(113, 130, 110) }
```

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

Here you see how a box with a 4 pixel rgb(113, 130, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 130, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 130, 110);  
box-shadow:4px 4px 4px 4px rgb(113, 130,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6072, 20.6018, 17.8004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 130, 110) }
```

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

```
.background{ background-color: rgb(113,  
130, 110) }
```

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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