

Converting Colors

XYZ(17.0738, 18.2633, 17.6642)

Have a look what the booklet for
XYZ(17.0738, 18.2633, 17.6642)
contains.

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Color

**XYZ(17.0738, 18.2633,
17.6642)**

Conversions

Conversions Part 1

Format	Color
Hex	77776F
RGB	119, 119, 111
RGB Percent	47%, 47%, 44%
CMY	0.5333, 0.5333, 0.5647
CMYK	0.00, 0.00, 0.07, 0.53
HSL	60°, 3%, 45%
HSV	60°, 7%, 47%
XYZ	17.0738, 18.2633, 17.6642
YIQ	118.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

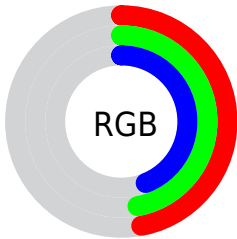
Format	Color
RYB	111, 119, 111
Decimal	7829359
CIELab	49.81, -1.56, 4.39
CIELCh	50, 4.662, 109.557
Yxy	18.2633, 0.3221, 0.3446
Android (android.graphics.Color)	4286019439 (0xFF77776F)
YUV	118.0880, -3.4944, 0.7998
Hunter-Lab	42.7356, -3.4726, 5.4082

Details

The XYZ color **17.0738, 18.2633, 17.6642** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5705, 16.0808, 19.7370**, and the grayscale version is **17.2579, 18.1567, 19.7726**.

A 20% lighter version of the original color is **37.9684, 40.4281, 40.4526**, and **5.7490, 6.2050, 5.5973** is the 20% darker color. If you saturate the color by 10%, you get **16.4614, 18.0189, 14.4400**, and if you desaturate by 10%, it is **17.7745, 18.5443, 21.3491**.

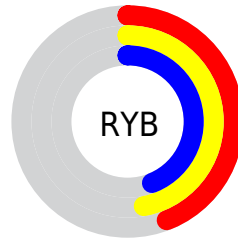
Distribution



Red (47%)

Green (47%)

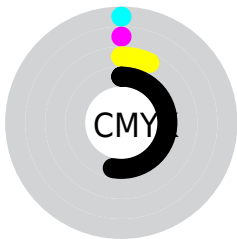
Blue (44%)



Red (44%)

Yellow (47%)

Blue (44%)

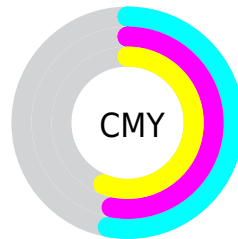


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0738, 18.2633, 17.6642 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 17.0738, 18.2633, 17.6642 by changing the saturation by 10% instead.

■ 17.0738, 18.2633,
17.6642

■ 17.0738, 18.2633,
17.6642

228.7453,
242.3510, 251.1437

■ 10.3828, 11.1392,
10.5422

■ 37.9952, 40.4855,
40.2705

■ 5.7177, 6.1605,
5.6497

■ 52.9563, 56.3523,
56.5919

■ 2.7132, 2.9429,
2.5679

■ 71.4047, 75.9022,
76.8168

■ 1.0040, 1.1020,
0.8758

■ 93.7059, 99.5195,
101.3638

■ 0.0000, 0.0000,
0.0000

120.2252,
127.5887, 130.6515

151.3280,

160.4940, 165.0983

187.3795,
198.6200, 205.1229

■ 17.0738, 18.2633,
17.6642

■ 17.0738, 18.2633,
17.6642

■ 16.4614, 18.0189,
14.4400

■ 17.7745, 18.5443,
21.3491

■ 15.9324, 17.8072,
11.6572

■ 18.5653, 18.8606,
25.5104

■ 15.4836, 17.6276,
9.2970

■ 19.4498, 19.2145,
30.1649

■ 15.1112, 17.4786,
7.3387

■ 20.4308, 19.6069,
35.3279

■ 14.8108, 17.3584,
5.7599

■ 21.5112, 20.0392,
41.0141

■ 14.5779, 17.2651,
4.5361

■ 22.6936, 20.5122,
47.2377

■ 14.4071, 17.1968,
3.6398

■ 23.9806, 21.0271,
54.0123

■ 14.2925, 17.1509,
3.0395

■ 25.3748, 21.5848,
61.3511

■ 14.2213, 17.1223,
2.6673

■ 26.8785, 22.1864,
69.2666

Harmonies

Analogous

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



17.5143, 18.2633, 17.5712



17.0738, 18.2633, 17.6642



16.7155, 18.2633, 18.3376

Triad

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



17.0738, 18.2633, 17.6642



16.8094, 18.2633, 21.8100



18.2141, 18.2633, 20.3332

Complementary

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



17.0738, 18.2633, 17.6642



15.5705, 16.0808, 19.7370

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.



18.0182, 18.2633, 21.5184



17.0738, 18.2633, 17.6642



17.2040, 18.2633, 22.3948

Square

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



17.0738, 18.2633, 17.6642



16.5647, 18.2633, 20.7175



17.6468, 18.2633, 22.2859



18.1778, 18.2633, 19.0764

Rectangle

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



17.0738, 18.2633, 17.6642



16.5691, 18.2633, 19.0417



17.6468, 18.2633, 22.2859



18.1731, 18.2633, 20.7541

Sweetspot

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



17.0743, 18.2641, 17.6646



31.1398, 32.9306, 34.6096



16.1620, 16.4390, 17.3604



7.3843, 7.8060, 8.2258



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.0743, 18.2641, 17.6646



30.4016, 32.6352, 30.7256



16.5370, 17.9871, 17.6394



3.9665, 4.2662, 3.9567



15.0856, 18.1813, 2.7142



73.5123, 88.5987, 13.2268

Inverse Universe

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



15.5705, 16.0808, 19.7370



27.1479, 27.9113, 35.2097



16.0850, 16.3460, 19.7611



3.5007, 3.5899, 4.5987



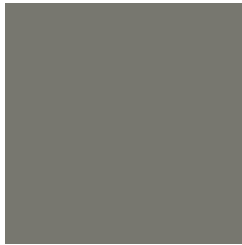
3.5382, 1.4153, 18.6293



17.2407, 6.8964, 90.7827

Previews

White Background



This preview shows how the XYZ color 17.0738, 18.2633, 17.6642 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 17.0738, 18.2633, 17.6642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

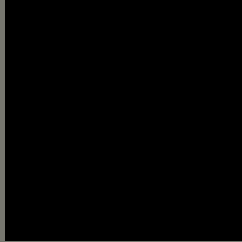
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.0738, 18.2633, 17.6642

Background



This preview shows how black text looks on a background with the XYZ color 17.0738, 18.2633, 17.6642.



This preview shows how white text looks on a background with the XYZ color 17.0738, 18.2633,

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

17.0738, 18.2633, 17.6642

Protanopia

17.3189, 18.2202, 17.3559

Deuteranopia

18.4577, 18.1100, 17.8520



Tritanopia

18.0123, 18.2939, 22.3204

Trichromacy



Original Color

17.0738, 18.2633, 17.6642

Protanomaly

17.1781, 18.1476, 17.3493

Deuteranomaly

17.9224, 18.1727, 17.8923

Tritanomaly

17.6754, 18.3304, 20.6957

Monochromacy



Original Color

17.0738, 18.2633, 17.6642

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0442, 18.0462, 18.8046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0738, 18.2633, 17.6642 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(119, 119, 111)` looks like.

```
.text, #text, p{  
    color:rgb(119, 119, 111)  
}
```

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(119, 119, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 119, 111) }
```

Border

The CSS property to change the border of an element to XYZ 17.0738, 18.2633, 17.6642 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(119, 119, 111) }
```


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

```
.border{ border-color:rgb(119, 119, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 119, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 119, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 119, 111);  
box-shadow:4px 4px 4px 4px rgb(119, 119,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0738, 18.2633, 17.6642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 119, 111) }
```

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

```
.background{ background-color: rgb(119,  
119, 111) }
```

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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