

Converting Colors

XYZ(17.2720, 18.3237, 18.8271)

Have a look what the booklet for
XYZ(17.2720, 18.3237, 18.8271)
contains.

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Color

**XYZ(17.2991, 18.3534,
18.8505)**

Conversions

Conversions Part 1

Format	Color
Hex	777773
RGB	119, 119, 115
RGB Percent	47%, 47%, 45%
CMY	0.5333, 0.5333, 0.5490
CMYK	0.00, 0.00, 0.03, 0.53
HSL	60°, 2%, 46%
HSV	60°, 3%, 47%
XYZ	17.2991, 18.3534, 18.8505
YIQ	118.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

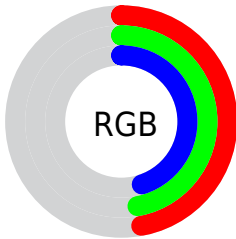
Format	Color
RYB	115, 119, 115
Decimal	7829363
CIELab	49.92, -0.79, 2.19
CIELCh	50, 2.329, 109.853
Yxy	18.3534, 0.3174, 0.3367
Android (android.graphics.Color)	4286019443 (0xFF777773)
YUV	118.5440, -1.7472, 0.3999
Hunter-Lab	42.8409, -2.8934, 3.9003

Details

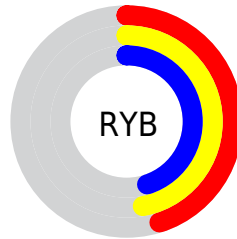
The XYZ color **17.2991, 18.3534, 18.8505** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.5315, 17.2388, 19.9098**, and the grayscale version is **17.3961, 18.3021, 19.9310**.

A 20% lighter version of the original color is **38.3325, 40.5738, 42.3704**, and **5.8649, 6.2513, 6.2077** is the 20% darker color. If you saturate the color by 10%, you get **16.6574, 18.0972, 15.4737**, and if you desaturate by 10%, it is **18.0303, 18.6466, 22.6938**.

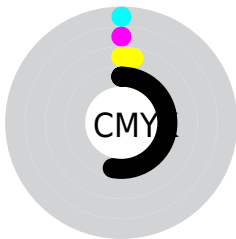
Distribution



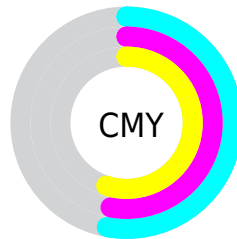
- Red (47%)
- Green (47%)
- Blue (45%)



- Red (45%)
- Yellow (47%)
- Blue (45%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2991, 18.3534, 18.8505 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 17.2991, 18.3534, 18.8505 by changing the saturation by 10% instead.

■ 17.2991, 18.3534,
18.8505

■ 17.2991, 18.3534,
18.8505

230.0129,
242.8555, 258.0174

■ 10.5446, 11.2040,
11.3866

■ 38.3788, 40.6386,
42.3147

■ 5.8265, 6.2042,
6.2101

■ 53.4348, 56.5432,
59.1520

■ 2.7795, 2.9697,
2.9024

■ 71.9886, 76.1350,
79.9508

■ 1.0383, 1.1159,
1.0450

94.4056, 99.7983,
105.1298

■ 0.0000, 0.0000,
0.0000

121.0512,
127.9177, 135.1074

152.2907,

160.8774, 170.3022

188.4895,
199.0619, 211.1326

■ 17.2991, 18.3534,
18.8505

■ 17.2991, 18.3534,
18.8505

■ 16.6574, 18.0972,
15.4737

■ 18.0303, 18.6466,
22.6938

■ 16.1002, 17.8742,
12.5444

■ 18.8526, 18.9756,
27.0192

■ 15.6245, 17.6838,
10.0444

■ 19.7695, 19.3425,
31.8429

■ 15.2265, 17.5245,
7.9533

■ 20.7840, 19.7484,
37.1802

■ 14.9021, 17.3947,
6.2496

■ 21.8987, 20.1944,
43.0455

■ 14.6467, 17.2924,
4.9094

■ 23.1164, 20.6815,
49.4528

■ 14.4553, 17.2157,
3.9062

■ 24.4395, 21.2109,
56.4156

■ 14.3222, 17.1624,
3.2103

■ 25.8706, 21.7834,
63.9469

■ 14.2401, 17.1294,
2.7826

■ 27.4120, 22.4001,
72.0591

Harmonies

Analogous

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



17.5200, 18.3534, 18.7988



17.2991, 18.3534, 18.8505



17.1186, 18.3534, 19.2022

Triad

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



17.2991, 18.3534, 18.8505



17.1693, 18.3534, 20.9375



17.8700, 18.3534, 20.2009

Complementary

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



17.2991, 18.3534, 18.8505



16.5315, 17.2388, 19.9098

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.



17.7743, 18.3534, 20.7862



17.2991, 18.3534, 18.8505



17.3689, 18.3534, 21.2174

Square

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



17.2991, 18.3534, 18.8505



17.0440, 18.3534, 20.4038



17.5904, 18.3534, 21.1615



17.8509, 18.3534, 19.5695

Rectangle

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



17.2991, 18.3534, 18.8505



17.0448, 18.3534, 19.5636



17.5904, 18.3534, 21.1615



17.8501, 18.3534, 20.4098

Sweetspot

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



17.2996, 18.3542, 18.8509



31.2686, 32.9821, 35.2876



16.8336, 17.4217, 18.6955



7.4126, 7.8174, 8.3748



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.



17.2996, 18.3542, 18.8509



30.8868, 32.8294, 33.2801



17.0281, 18.2142, 18.8382



4.0358, 4.2939, 4.3214



15.0818, 18.1793, 2.7141



73.4928, 88.5887, 13.2258

Inverse Universe

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



16.5315, 17.2388, 19.9098



29.2171, 30.4047, 35.5819



16.7972, 17.3757, 19.9223



3.7961, 3.9459, 4.6518



3.5386, 1.4155, 18.6293



17.2414, 6.8968, 90.7828

Previews

White Background



This preview shows how the XYZ color 17.2991, 18.3534, 18.8505 looks on a white background.

Color Contrast Check

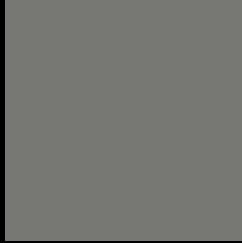
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2991, 18.3534, 18.8505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

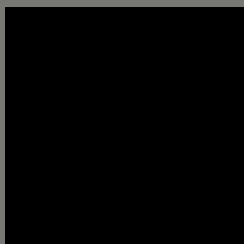
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

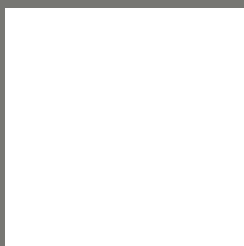
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2991, 18.3534, 18.8505

Background



This preview shows how black text looks on a background with the XYZ color 17.2991, 18.3534, 18.8505.



This preview shows how white text looks on a background with the XYZ color 17.2991, 18.3534,

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

17.2991, 18.3534, 18.8505

Protanopia

17.5990, 18.3322, 18.8306

Deuteranopia

18.6432, 18.3477, 19.0819



Tritanopia

18.0772, 18.3198, 22.6620

Trichromacy



Original Color

17.2991, 18.3534, 18.8505

Protanomaly

17.4581, 18.2596, 18.8240

Deuteranomaly

18.1502, 18.2638, 19.0916

Tritanomaly

17.7993, 18.3800, 21.3485

Monochromacy



Original Color

17.2991, 18.3534, 18.8505

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4746, 18.4236, 19.7746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2991, 18.3534, 18.8505 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(119, 119, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 119, 115) }
```

Border

The CSS property to change the border of an element to XYZ 17.2991, 18.3534, 18.8505 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, 115) }
```


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

```
.border{ border-color:rgb(119, 119, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 119, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 119, 115);  
box-shadow:4px 4px 4px 4px rgb(119, 119,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2991, 18.3534, 18.8505 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, 115) }
```

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

```
.background{ background-color: rgb(119,  
119, 115) }
```

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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