

Converting Colors

XYZ(17.2184, 18.4773, 18.1816)

Have a look what the booklet for
XYZ(17.2184, 18.4773, 18.1816)
contains.

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Color

**XYZ(17.3049, 18.5471,
18.2907)**

Conversions

Conversions Part 1

Format	Color
Hex	777871
RGB	119, 120, 113
RGB Percent	47%, 47%, 44%
CMY	0.5333, 0.5294, 0.5569
CMYK	0.01, 0.00, 0.06, 0.53
HSL	69°, 3%, 46%
HSV	69°, 6%, 47%
XYZ	17.3049, 18.5471, 18.2907
YIQ	118.9030, 1.6510, -2.3890

Conversions

Conversions Part 2

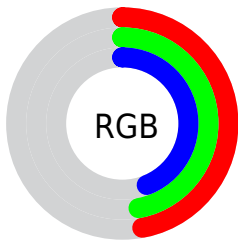
Format	Color
R_{YB}	113, 120, 114
Decimal	7829617
CIE Lab	50.15, -1.76, 3.70
CIE LCh	50, 4.098, 115.360
Yxy	18.5471, 0.3196, 0.3426
Android (android.graphics.Color)	4286019697 (0xFF777871)
YUV	118.9030, -2.9102, 0.0851
Hunter-Lab	43.0663, -3.6413, 4.9654

Details

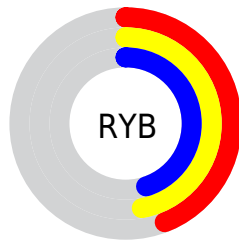
The XYZ color **17.3049, 18.5471, 18.2907** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2353, 16.7442, 20.1464**, and the grayscale version is **17.5129, 18.4249, 20.0647**.

A 20% lighter version of the original color is **38.3386, 40.8796, 41.4672**, and **5.8700, 6.3560, 5.9185** is the 20% darker color. If you saturate the color by 10%, you get **16.4402, 18.1749, 14.9537**, and if you desaturate by 10%, it is **18.2642, 18.9589, 22.0993**.

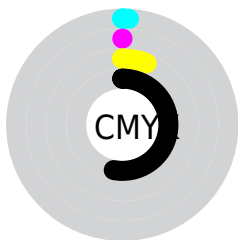
Distribution



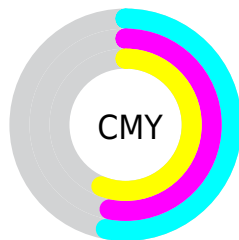
- Red (47%)
- Green (47%)
- Blue (44%)



- Red (44%)
- Yellow (47%)
- Blue (45%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3049, 18.5471, 18.2907 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 17.3049, 18.5471, 18.2907 by changing the saturation by 10% instead.

■ 17.3049, 18.5471,
18.2907

■ 17.3049, 18.5471,
18.2907

230.0455,
243.9370, 254.7954

■ 10.5488, 11.3435,
10.9873

■ 38.3887, 40.9674,
41.3527

■ 5.8293, 6.2984,
5.9442

■ 53.4471, 56.9529,
57.9483

■ 2.7813, 3.0273,
2.7430

■ 72.0036, 76.6344,
78.4784

■ 1.0392, 1.1460,
0.9649

■ 94.4236, 100.3964,
103.3616

■ 0.0000, 0.0169,
0.0000

121.0724,
128.6233, 133.0163

■ 0.0000, 0.0000,
0.0000

152.3154,

161.6994, 167.8612

188.5180,
200.0091, 208.3147

■ 17.3049, 18.5471,
18.2907

■ 17.3049, 18.5471,
18.2907

■ 16.4402, 18.1749,
14.9537

■ 18.2642, 18.9589,
22.0993

■ 15.6652, 17.8384,
12.0688

■ 19.3199, 19.4091,
26.3956

■ 14.9765, 17.5369,
9.6168

■ 20.4757, 19.8999,
31.1964

■ 14.3703, 17.2689,
7.5769

■ 21.7346, 20.4324,
36.5175

■ 13.8421, 17.0326,
5.9262

■ 23.0994, 21.0078,
42.3738

■ 13.3872, 16.8261,
4.6399

■ 24.5729, 21.6272,
48.7797

■ 13.0003, 16.6472,
3.6904

■ 26.1578, 22.2916,
55.7491

■ 12.6754, 16.4937,
3.0458

■ 27.8566, 23.0020,
63.2953

■ 12.4014, 16.3609,
2.6479

■ 29.6717, 23.7596,
71.4312

Harmonies

Analogous

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



17.6900, 18.5471, 18.1017



17.3049, 18.5471, 18.2907



17.0105, 18.5471, 18.9824

Triad

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



17.3049, 18.5471, 18.2907



17.1999, 18.5471, 22.0391



18.3970, 18.5471, 20.3712

Complementary

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



17.3049, 18.5471, 18.2907



16.2353, 16.7442, 20.1464

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.



18.2613, 18.5471, 21.4575



17.3049, 18.5471, 18.2907



17.5670, 18.5471, 22.4430

Square

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



17.3049, 18.5471, 18.2907



16.9505, 18.5471, 21.1414



17.9560, 18.5471, 22.2263



18.3243, 18.5471, 19.2765

Rectangle

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



17.3049, 18.5471, 18.2907



16.9032, 18.5471, 19.6494



17.9560, 18.5471, 22.2263



18.3742, 18.5471, 20.7498

Sweetspot

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



17.3054, 18.5479, 18.2911



31.0544, 32.8866, 34.6056



16.7367, 17.2054, 18.0619



7.3656, 7.7964, 8.2250



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.



17.3054, 18.5479, 18.2911



30.2229, 32.5294, 31.3373



16.8427, 18.3094, 18.2694



4.2945, 4.6237, 4.4466



13.4000, 17.7852, 2.7266



63.3716, 84.5547, 12.9807

Inverse Universe

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



16.2353, 16.7442, 20.1464



27.9295, 28.6637, 35.3137



16.6903, 16.9788, 20.1677



3.9642, 4.0670, 5.0192



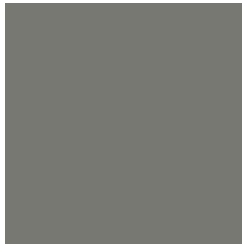
3.9455, 1.6068, 19.4875



18.3735, 7.4339, 92.9363

Previews

White Background



This preview shows how the XYZ color 17.3049, 18.5471, 18.2907 looks on a white background.

Color Contrast Check

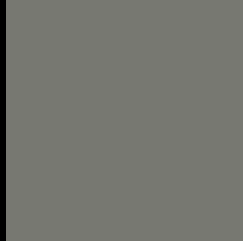
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3049, 18.5471, 18.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

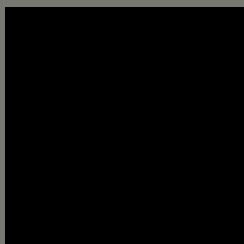
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

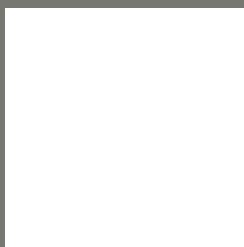
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3049, 18.5471, 18.2907

Background



This preview shows how black text looks on a background with the XYZ color 17.3049, 18.5471, 18.2907.



This preview shows how white text looks on a background with the XYZ color 17.3049, 18.5471,

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

17.3049, 18.5471, 18.2907

Protanopia

17.6898, 18.5745, 17.9821

Deuteranopia

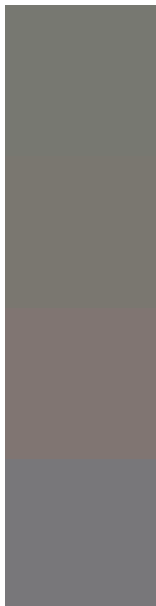
18.8409, 18.4629, 18.4903



Tritanopia

18.1944, 18.5541, 22.7010

Trichromacy



Original Color

17.3049, 18.5471, 18.2907

Protanomaly

17.5475, 18.5011, 17.9754

Deuteranomaly

18.3006, 18.5267, 18.5310

Tritanomaly

17.8554, 18.5919, 21.0599

Monochromacy



Original Color

17.3049, 18.5471, 18.2907

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4155, 18.3999, 19.4633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3049, 18.5471, 18.2907 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, 120, 113)` looks like.

```
.text, #text, p{  
    color:rgb(119, 120, 113)  
}
```

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, 120, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 120, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.3049, 18.5471, 18.2907 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, 120, 113) }
```


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

```
.border{ border-color:rgb(119, 120, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 120, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 120, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 120, 113);  
box-shadow:4px 4px 4px 4px rgb(119, 120,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3049, 18.5471, 18.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 120, 113) }
```

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

```
.background{ background-color: rgb(119,  
120, 113) }
```

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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