

Converting Colors

XYZ(17.0173, 18.5833, 11.4548)

Have a look what the booklet for
XYZ(17.0173, 18.5833, 11.4548)
contains.

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Color

**XYZ(17.0004, 18.5404,
11.4867)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7856
RGB	126, 120, 86
RGB Percent	49%, 47%, 34%
CMY	0.5059, 0.5294, 0.6627
CMYK	0.00, 0.05, 0.32, 0.51
HSL	51°, 19%, 42%
HSV	51°, 32%, 49%
XYZ	17.0004, 18.5404, 11.4867
YIQ	117.9180, 14.4900, -9.3020

Conversions

Conversions Part 2

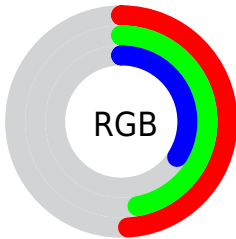
Format	Color
RYB	93, 126, 86
Decimal	8288342
CIELab	50.15, -3.39, 19.54
CIELCh	50, 19.834, 99.850
Yxy	18.5404, 0.3615, 0.3942
Android (android.graphics.Color)	4286478422 (0xFF7E7856)
YUV	117.9180, -15.7356, 7.0879
Hunter-Lab	43.0586, -4.8770, 14.3242

Details

The XYZ color **17.0004, 18.5404, 11.4867** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.4308, 11.1389, 21.2864**, and the grayscale version is **17.2391, 18.1369, 19.7511**.

A 20% lighter version of the original color is **37.7869, 40.8663, 29.1890**, and **5.6809, 6.3244, 2.9288** is the 20% darker color. If you saturate the color by 10%, you get **16.3121, 17.9057, 8.9697**, and if you desaturate by 10%, it is **17.7837, 19.2215, 14.4775**.

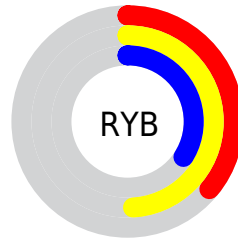
Distribution



Red (49%)

Green (47%)

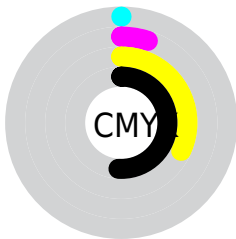
Blue (34%)



Red (36%)

Yellow (49%)

Blue (34%)

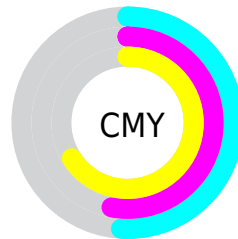


Cyan (0%)

Magenta (5%)

Yellow (32%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0004, 18.5404, 11.4867 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 17.0004, 18.5404, 11.4867 by changing the saturation by 10% instead.

■ 17.0004, 18.5404,
11.4867

■ 17.0004, 18.5404,
11.4867

228.3309,
243.8996, 211.8327

■ 10.3301, 11.3387,
6.2769

■ 37.8701, 40.9560,
29.2070

■ 5.6823, 6.2951,
2.9427

■ 52.8001, 56.9387,
42.5546

■ 2.6917, 3.0253,
1.0654

■ 71.2141, 76.6171,
59.4519

■ 0.9929, 1.1450,
0.0000

■ 93.4774, 100.3757,
80.3174

■ 0.0000, 0.0161,
0.0000

■ 119.9554,
128.5989, 105.5697

■ 0.0000, 0.0000,
0.0000

151.0134,

161.6710, 135.6274

187.0168,
199.9764, 170.9088

■ 17.0004, 18.5404,
11.4867

■ 17.0004, 18.5404,
11.4867

■ 16.3121, 17.9057,
8.9697

■ 17.7837, 19.2215,
14.4775

■ 15.7125, 17.3130,
6.9004

■ 18.6649, 19.9484,
17.9637

■ 15.1971, 16.7611,
5.2523

■ 19.6486, 20.7236,
21.9674

■ 14.7601, 16.2476,
3.9954

■ 20.7387, 21.5485,
26.5086

■ 14.3951, 15.7699,
3.0958

■ 21.9388, 22.4248,
31.6065

■ 14.0945, 15.3249,
2.5139

■ 23.2524, 23.3539,
37.2792

■ 13.8732, 14.9736,
2.1590

■ 24.6827, 24.3371,
43.5441

■ 26.2330, 25.3757,
50.4178

■ 27.9064, 26.4711,
57.9162

Harmonies

Analogous

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



18.9195, 18.5404, 11.8260



17.0004, 18.5404, 11.4867



15.3690, 18.5404, 13.1329

Triad

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



17.0004, 18.5404, 11.4867



14.9468, 18.5404, 27.7164



21.3050, 18.5404, 24.0372

Complementary

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



17.0004, 18.5404, 11.4867



11.4308, 11.1389, 21.2864

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.



20.0853, 18.5404, 29.4010



17.0004, 18.5404, 11.4867



16.3854, 18.5404, 31.7774

Square

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



17.0004, 18.5404, 11.4867



14.2413, 18.5404, 22.0433



18.2588, 18.5404, 32.4442



21.4995, 18.5404, 18.4386

Rectangle

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



17.0004, 18.5404, 11.4867



14.6294, 18.5404, 15.3459



18.2588, 18.5404, 32.4442



20.9973, 18.5404, 25.9529

Sweetspot

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



17.0009, 18.5412, 11.4871



33.1040, 35.3139, 32.6259



13.8640, 11.8641, 11.6847



7.4868, 7.9980, 7.2473



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.0009, 18.5412, 11.4871



29.0425, 31.8294, 16.9722



15.8229, 19.0386, 11.6452



4.6122, 4.9130, 4.6254



14.2300, 15.3565, 2.2141



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.4308, 11.1389, 21.2864



17.6444, 16.6852, 37.0350



12.3494, 10.8715, 21.1864



4.1569, 4.3078, 5.4257



4.0983, 2.0151, 20.4229



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.0004, 18.5404, 11.4867 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 17.0004, 18.5404, 11.4867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

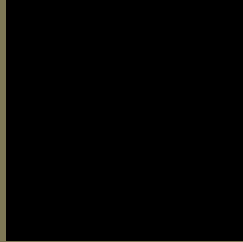
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.0004, 18.5404, 11.4867

Background



This preview shows how black text looks on a background with the XYZ color 17.0004, 18.5404, 11.4867.



This preview shows how white text looks on a background with the XYZ color 17.0004, 18.5404,

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

17.0004, 18.5404, 11.4867

Protanopia

17.1786, 18.4547, 11.4608

Deuteranopia

18.7221, 18.3855, 11.5788



Tritanopia

19.1289, 18.5420, 21.6395

Trichromacy



Original Color

17.0004, 18.5404, 11.4867

Protanomaly

17.0289, 18.3776, 11.4538

Deuteranomaly

18.1190, 18.4131, 11.6159

Tritanomaly

18.2290, 18.5155, 17.3649

Monochromacy



Original Color

17.0004, 18.5404, 11.4867

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0835, 18.2992, 16.2674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0004, 18.5404, 11.4867 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(126, 120, 86)` looks like.

```
.text, #text, p{  
    color:rgb(126, 120, 86)  
}
```

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(126, 120, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 120, 86) }
```

Border

The CSS property to change the border of an element to XYZ 17.0004, 18.5404, 11.4867 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(126, 120, 86) }
```


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

```
.border{ border-color:rgb(126, 120, 86) }
```

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

Here you see how a box with a 4 pixel rgb(126, 120, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 120, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 120, 86);  
box-shadow:4px 4px 4px 4px rgb(126, 120,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0004, 18.5404, 11.4867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 120, 86) }
```

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

```
.background{ background-color: rgb(126,  
120, 86) }
```

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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