

Converting Colors

XYZ(17.2576, 18.4422, 19.2770)

Have a look what the booklet for
XYZ(17.2576, 18.4422, 19.2770)
contains.

XYZ(17.3401, 18.5454, 19.1887)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.3401, 18.5454,
19.1887)**

Conversions

Conversions Part 1

Format	Color
Hex	767874
RGB	118, 120, 116
RGB Percent	46%, 47%, 45%
CMY	0.5372, 0.5294, 0.5451
CMYK	0.02, 0.00, 0.03, 0.53
HSL	90°, 2%, 46%
HSV	90°, 3%, 47%
XYZ	17.3401, 18.5454, 19.1887
YIQ	118.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

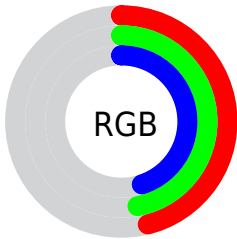
Format	Color
R_{YB}	116, 120, 118
Decimal	7764084
CIE Lab	50.15, -1.55, 1.92
CIE LCh	50, 2.473, 128.958
Yxy	18.5454, 0.3148, 0.3367
Android (android.graphics.Color)	4285954164 (0xFF767874)
YUV	118.9460, -1.4524, -0.8296
Hunter-Lab	43.0644, -3.4887, 3.7265

Details

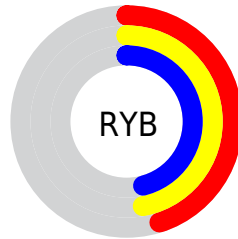
The XYZ color **17.3401, 18.5454, 19.1887** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1073, 17.6988, 20.2847**, and the grayscale version is **17.5223, 18.4349, 20.0756**.

A 20% lighter version of the original color is **38.3980, 40.8782, 42.9123**, and **5.8865, 6.3542, 6.3851** is the 20% darker color. If you saturate the color by 10%, you get **15.8976, 17.8778, 15.7097**, and if you desaturate by 10%, it is **18.9257, 19.2774, 23.1459**.

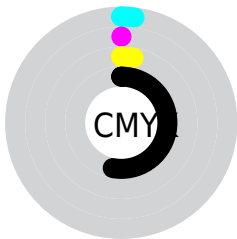
Distribution



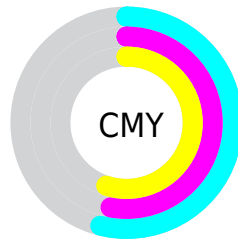
- Red (46%)
- Green (47%)
- Blue (45%)



- Red (45%)
- Yellow (47%)
- Blue (46%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3401, 18.5454, 19.1887 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 17.3401, 18.5454, 19.1887 by changing the saturation by 10% instead.

■ 17.3401, 18.5454,
19.1887

■ 17.3401, 18.5454,
19.1887

230.2430,
243.9275, 259.9459

■ 10.5741, 11.3423,
11.6285

■ 38.4486, 40.9645,
42.8937

■ 5.8464, 6.2975,
6.3718

■ 53.5217, 56.9493,
59.8755

■ 2.7917, 3.0268,
3.0000

■ 72.0946, 76.6300,
80.8350

■ 1.0446, 1.1458,
1.0947

94.5327, 100.3911,
106.1907

■ 0.0000, 0.0167,
0.0000

121.2011,
128.6171, 136.3610

■ 0.0000, 0.0000,
0.0000

152.4655,

161.6922, 171.7647

188.6909,
200.0008, 212.8201

■ 17.3401, 18.5454,
19.1887

■ 17.3401, 18.5454,
19.1887

■ 15.8976, 17.8778,
15.7097

■ 18.9257, 19.2774,
23.1459

■ 14.5922, 17.2703,
12.6897

■ 20.6571, 20.0733,
27.5973

■ 13.4199, 16.7219,
10.1098

■ 22.5388, 20.9354,
32.5595

■ 12.3757, 16.2303,
7.9493

■ 24.5745, 21.8654,
38.0481

■ 11.4545, 15.7935,
6.1861

■ 26.7679, 22.8650,
44.0780

■ 10.6504, 15.4089,
4.7957

■ 29.1226, 23.9356,
50.6635

■ 9.9572, 15.0740,
3.7512

■ 31.6421, 25.0787,
57.8182

■ 9.3680, 14.7857,
3.0220

■ 34.3297, 26.2957,
65.5556

■ 8.8741, 14.5407,
2.5686

■ 37.1885, 27.5880,
73.8883

Harmonies

Analogous

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



17.5555, 18.5454, 18.9231



17.3401, 18.5454, 19.1887



17.2023, 18.5454, 19.7249

Triad

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



17.3401, 18.5454, 19.1887



17.4627, 18.5454, 21.4434



18.0837, 18.5454, 19.9890

Complementary

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



17.3401, 18.5454, 19.1887



17.1073, 17.6988, 20.2847

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.



18.0583, 18.5454, 20.6680



17.3401, 18.5454, 19.1887



17.6983, 18.5454, 21.5180

Square

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



17.3401, 18.5454, 19.1887



17.2727, 18.5454, 21.0298



17.9167, 18.5454, 21.2313



17.9858, 18.5454, 19.3783

Rectangle

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



17.3401, 18.5454, 19.1887



17.1723, 18.5454, 20.1689



17.9167, 18.5454, 21.2313



18.0893, 18.5454, 20.2167

Sweetspot

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



17.3406, 18.5462, 19.1891



31.1192, 32.9051, 35.2806



17.3772, 18.2115, 19.1226



7.3799, 7.8005, 8.3733



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.



17.3406, 18.5462, 19.1891



30.2952, 32.5244, 33.2524



17.0718, 18.4076, 19.1765



4.2903, 4.6162, 4.6866



9.3429, 15.6936, 2.5368



43.5848, 74.3542, 12.0546

Inverse Universe

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



17.1073, 17.6988, 20.2847



29.7935, 30.7018, 35.6088



17.3819, 17.8404, 20.2976



4.2115, 4.3298, 5.0569



5.7160, 2.5194, 19.5703



26.2840, 11.5119, 93.3065

Previews

White Background



This preview shows how the XYZ color 17.3401, 18.5454, 19.1887 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 17.3401, 18.5454, 19.1887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

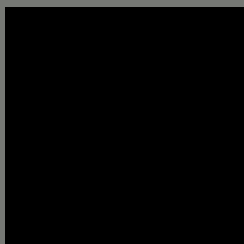
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

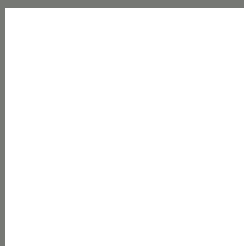
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3401, 18.5454, 19.1887

Background



This preview shows how black text looks on a background with the XYZ color 17.3401, 18.5454, 19.1887.



This preview shows how white text looks on a background with the XYZ color 17.3401, 18.5454,

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

17.3401, 18.5454, 19.1887

Protanopia

17.7174, 18.5690, 18.8700

Deuteranopia

18.8573, 18.4514, 19.3972



Tritanopia

18.1204, 18.5084, 23.0395

Trichromacy



Original Color

17.3401, 18.5454, 19.1887

Protanomaly

17.5765, 18.4964, 18.8634

Deuteranomaly

18.3246, 18.5190, 19.4383

Tritanomaly

17.8427, 18.5708, 21.7129

Monochromacy



Original Color

17.3401, 18.5454, 19.1887

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 17.3401, 18.5454, 19.1887 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(118, 120, 116)` looks like.

```
.text, #text, p{  
    color:rgb(118, 120, 116)  
}
```

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(118, 120, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 120, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.3401, 18.5454, 19.1887 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(118, 120, 116) }
```


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

```
.border{ border-color:rgb(118, 120, 116) }
```

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

Here you see how a box with a 4 pixel rgb(118, 120, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 120, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 120, 116);  
box-shadow:4px 4px 4px 4px rgb(118, 120,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3401, 18.5454, 19.1887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 120, 116) }
```

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

```
.background{ background-color: rgb(118,  
120, 116) }
```

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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