

Converting Colors

XYZ(17.5519, 18.9612, 15.8022)

Have a look what the booklet for
XYZ(17.5519, 18.9612, 15.8022)
contains.

XYZ(17.5044, 18.8852, 15.8193)	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(17.5044, 18.8852,
15.8193)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7968
RGB	123, 121, 104
RGB Percent	48%, 47%, 41%
CMY	0.5176, 0.5255, 0.5922
CMYK	0.00, 0.02, 0.15, 0.52
HSL	54°, 8%, 45%
HSV	54°, 15%, 48%
XYZ	17.5044, 18.8852, 15.8193
YIQ	119.6600, 6.6490, -4.8630

Conversions

Conversions Part 2

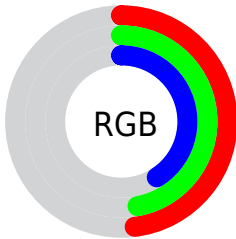
Format	Color
R_{YB}	106, 123, 104
Decimal	8092008
CIE _{Lab}	50.55, -2.39, 9.60
CIE _{LCh}	51, 9.898, 103.988
Yxy	18.8852, 0.3353, 0.3617
Android (android.graphics.Color)	4286282088 (0xFF7B7968)
YUV	119.6600, -7.7204, 2.9292
Hunter-Lab	43.4571, -4.1506, 8.8372

Details

The XYZ color **17.5044, 18.8852, 15.8193** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4379, 14.6807, 20.8116**, and the grayscale version is **17.7669, 18.6921, 20.3557**.

A 20% lighter version of the original color is **38.7645, 41.4838, 36.9744**, and **5.9451, 6.5163, 4.8153** is the 20% darker color. If you saturate the color by 10%, you get **16.7688, 18.3419, 12.7133**, and if you desaturate by 10%, it is **18.3342, 19.4708, 19.4068**.

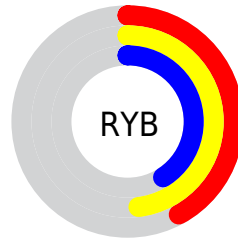
Distribution



Red (48%)

Green (47%)

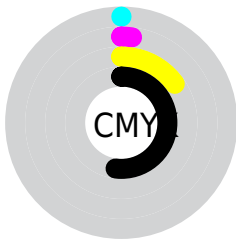
Blue (41%)



Red (42%)

Yellow (48%)

Blue (41%)

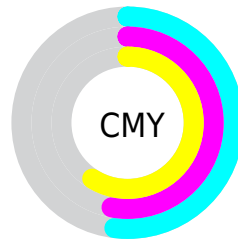


Cyan (0%)

Magenta (2%)

Yellow (15%)

Black (52%)



Cyan (52%)

Magenta (53%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5044, 18.8852, 15.8193 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 17.5044, 18.8852, 15.8193 by changing the saturation by 10% instead.

■ 17.5044, 18.8852,
15.8193

■ 17.5044, 18.8852,
15.8193

231.1626,
245.8143, 240.0823

■ 10.6923, 11.5874,
9.2434

■ 38.7277, 41.5400,
37.0466

■ 5.9261, 6.4634,
4.8013

■ 53.8697, 57.6658,
52.5351

■ 2.8404, 3.1288,
2.0745

■ 72.5190, 77.5030,
71.8316

■ 1.0699, 1.1994,
0.6005

■ 95.0409, 101.4360,
95.3546

■ 0.0000, 0.0612,
0.0000

121.8009,
129.8493, 123.5226

■ 0.0000, 0.0000,
0.0000

153.1642,

163.1271, 156.7542

189.4964,
201.6540, 195.4679

■ 17.5044, 18.8852,
15.8193

■ 17.5044, 18.8852,
15.8193

■ 16.7688, 18.3419,
12.7133

■ 18.3342, 19.4708,
19.4068

■ 16.1221, 17.8369,
10.0670

■ 19.2605, 20.0977,
23.4942

■ 15.5605, 17.3693,
7.8586

■ 20.2873, 20.7682,
28.1001

■ 15.0794, 16.9373,
6.0639

■ 21.4178, 21.4837,
33.2420

■ 14.6738, 16.5387,
4.6567

■ 22.6553, 22.2453,
38.9365

■ 14.3382, 16.1714,
3.6075

■ 24.0028, 23.0543,
45.1996

■ 14.0660, 15.8329,
2.8827

■ 25.4631, 23.9120,
52.0465

■ 13.8468, 15.5187,
2.4264

■ 27.0391, 24.8194,
59.4918

■ 13.7524, 15.3789,
2.2436

■ 28.7335, 25.7775,
67.5498

Harmonies

Analogous

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



18.4672, 18.8852, 15.8602



17.5044, 18.8852, 15.8193



16.6900, 18.8852, 16.9668

Triad

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



17.5044, 18.8852, 15.8193



16.6459, 18.8852, 24.4844



19.7957, 18.8852, 22.0658

Complementary

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



17.5044, 18.8852, 15.8193



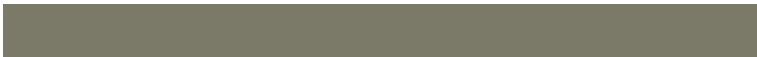
14.4379, 14.6807, 20.8116

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.



19.2715, 18.8852, 24.6340



17.5044, 18.8852, 15.8193



17.4422, 18.8852, 26.1136

Square

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



17.5044, 18.8852, 15.8193



16.2065, 18.8852, 21.8761



18.4027, 18.8852, 26.1707



19.8139, 18.8852, 19.3031

Rectangle

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



17.5044, 18.8852, 15.8193



16.3312, 18.8852, 18.3162



18.4027, 18.8852, 26.1707



19.6720, 18.8852, 22.9859

Sweetspot

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



17.5049, 18.8860, 15.8197



32.8829, 34.9024, 34.9753



15.7316, 15.1569, 15.7915



7.7229, 8.2052, 8.1432



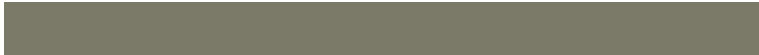
60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.5049, 18.8860, 15.8197



30.7972, 33.4198, 25.9911



16.7466, 18.8590, 15.8545



4.2735, 4.5654, 4.2805



14.2244, 15.9048, 2.3202



67.4830, 75.1295, 10.9447

Inverse Universe

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



14.4379, 14.6807, 20.8116



24.0609, 24.1834, 36.9563



15.1169, 14.7288, 20.7851



3.8284, 3.9551, 5.0048



3.8441, 1.7706, 19.5244



18.0233, 7.8193, 93.0291

Previews

White Background



This preview shows how the XYZ color 17.5044, 18.8852, 15.8193 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 17.5044, 18.8852, 15.8193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

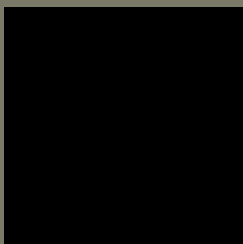
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

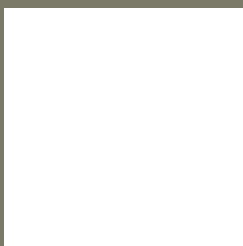
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5044, 18.8852, 15.8193

Background



This preview shows how black text looks on a background with the XYZ color 17.5044, 18.8852, 15.8193.



This preview shows how white text looks on a background with the XYZ color 17.5044, 18.8852,

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

17.5044, 18.8852, 15.8193

Protanopia

17.7688, 18.8478, 15.5334

Deuteranopia

19.1117, 18.8291, 15.9917



Tritanopia

18.9134, 18.9248, 22.7347

Trichromacy



Original Color

17.5044, 18.8852, 15.8193

Protanomaly

17.6221, 18.7722, 15.5266

Deuteranomaly

18.5440, 18.8823, 16.0319

Tritanomaly

18.3840, 18.8855, 20.1291

Monochromacy



Original Color

17.5044, 18.8852, 15.8193

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.6389, 18.7128, 18.6018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5044, 18.8852, 15.8193 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(123, 121, 104)` looks like.

```
.text, #text, p{  
    color:rgb(123, 121, 104)  
}
```

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(123, 121, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 121, 104) }
```

Border

The CSS property to change the border of an element to XYZ 17.5044, 18.8852, 15.8193 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(123, 121, 104) }
```


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

```
.border{ border-color:rgb(123, 121, 104) }
```

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

Here you see how a box with a 4 pixel rgb(123, 121, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 121, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 121, 104);  
box-shadow:4px 4px 4px 4px rgb(123, 121,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5044, 18.8852, 15.8193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 121, 104) }
```

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

```
.background{ background-color: rgb(123,  
121, 104) }
```

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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