

Converting Colors

XYZ(17.4626, 18.1837, 14.5069)

Have a look what the booklet for
XYZ(17.4626, 18.1837, 14.5069)
contains.

XYZ(17.5155, 18.2126, 14.3966)	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(17.5155, 18.2126,
14.3966)**

Conversions

Conversions Part 1

Format	Color
Hex	807563
RGB	128, 117, 99
RGB Percent	50%, 46%, 39%
CMY	0.4980, 0.5412, 0.6118
CMYK	0.00, 0.09, 0.23, 0.50
HSL	37°, 13%, 45%
HSV	37°, 23%, 50%
XYZ	17.5155, 18.2126, 14.3966
YIQ	118.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

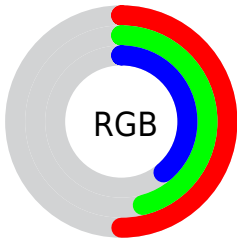
Format	Color
R_{YB}	117, 128, 99
Decimal	8418659
CIE Lab	49.75, 1.11, 11.48
CIE LCh	50, 11.532, 84.455
Yxy	18.2126, 0.3494, 0.3633
Android (android.graphics.Color)	4286608739 (0xFF807563)
YUV	118.2370, -9.4838, 8.5622
Hunter-Lab	42.6762, -1.4221, 9.8722

Details

The XYZ color **17.5155, 18.2126, 14.3966** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6177, 15.3627, 22.6171**, and the grayscale version is **17.3207, 18.2227, 19.8445**.

A 20% lighter version of the original color is **38.7490, 40.4017, 34.6102**, and **5.8898, 6.1239, 4.1204** is the 20% darker color. If you saturate the color by 10%, you get **16.4006, 16.8856, 11.2415**, and if you desaturate by 10%, it is **18.7577, 19.6387, 18.0732**.

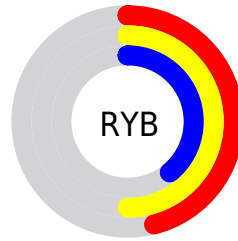
Distribution



Red (50%)

Green (46%)

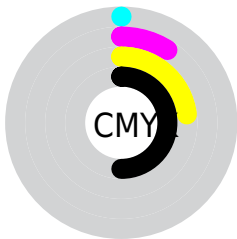
Blue (39%)



Red (46%)

Yellow (50%)

Blue (39%)

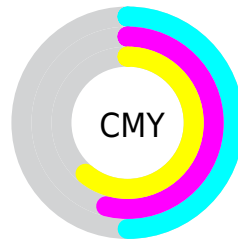


Cyan (0%)

Magenta (9%)

Yellow (23%)

Black (50%)



Cyan (50%)

Magenta (54%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5155, 18.2126, 14.3966 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 17.5155, 18.2126, 14.3966 by changing the saturation by 10% instead.

■ 17.5155, 18.2126,
14.3966

■ 17.5155, 18.2126,
14.3966

231.2246,
242.0666, 231.1979

■ 10.7003, 11.1027,
8.2551

■ 38.7466, 40.3993,
34.5183

■ 5.9315, 6.1360,
4.1685

■ 53.8932, 56.2448,
49.3356

■ 2.8437, 2.9279,
1.7182

■ 72.5476, 75.7711,
67.8819

■ 1.0717, 1.0942,
0.3732

■ 95.0752, 99.3625,
90.5758

■ 0.0012, 0.0000,
0.0000

121.8413,
127.4033, 117.8358

■ 0.0000, 0.0000,
0.0000

153.2114,

160.2780, 150.0805

189.5507,
198.3710, 187.7283

■ 17.5155, 18.2126,
14.3966

■ 17.5155, 18.2126,
14.3966

■ 16.4006, 16.8856,
11.2415

■ 18.7577, 19.6387,
18.0732

■ 15.4066, 15.6526,
8.5825

■ 20.1305, 21.1640,
22.2928

■ 14.5286, 14.5115,
6.3940

■ 21.6388, 22.7918,
27.0768

■ 13.7607, 13.4593,
4.6474

■ 23.2867, 24.5244,
32.4455

■ 13.0965, 12.4925,
3.3112

■ 25.0783, 26.3641,
38.4179

■ 12.5287, 11.6075,
2.3494

■ 27.0175, 28.3130,
45.0122

■ 12.0488, 10.8002,
1.7195

■ 29.1078, 30.3733,
52.2460

■ 11.7314, 10.2478,
1.3597

■ 31.3529, 32.5469,
60.1359

■ 33.7561, 34.8359,
68.6981

Harmonies

Analogous

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



18.5682, 18.2126, 15.3030



17.5155, 18.2126, 14.3966



16.4505, 18.2126, 14.8163

Triad

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



17.5155, 18.2126, 14.3966



15.4575, 18.2126, 22.4425



19.0873, 18.2126, 23.5604

Complementary

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



17.5155, 18.2126, 14.3966



14.6177, 15.3627, 22.6171

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.



18.2001, 18.2126, 25.8647



17.5155, 18.2126, 14.3966



16.1110, 18.2126, 25.1729

Square

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



17.5155, 18.2126, 14.3966



15.2915, 18.2126, 19.2514



17.1072, 18.2126, 26.4838



19.4999, 18.2126, 20.4209

Rectangle

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



17.5155, 18.2126, 14.3966



15.8725, 18.2126, 15.8170



17.1072, 18.2126, 26.4838



18.8329, 18.2126, 24.4711

Sweetspot

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



17.5160, 18.2134, 14.3970



34.3247, 36.0303, 35.7817



16.1849, 14.6414, 16.7584



8.0110, 8.4075, 8.2994



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.5160, 18.2134, 14.3970



29.8371, 30.8854, 22.4773



18.3730, 20.6705, 14.8261



4.5326, 4.7539, 4.5988



11.6338, 10.1641, 1.3487



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.6177, 15.3627, 22.6171



23.8288, 24.9767, 39.5213



13.8814, 13.3297, 22.2635



4.2321, 4.4583, 5.4507



4.9348, 3.6881, 20.7017



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.5155, 18.2126, 14.3966 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 17.5155, 18.2126, 14.3966 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 17.5155, 18.2126, 14.3966

Background



This preview shows how black text looks on a background with the XYZ color 17.5155, 18.2126, 14.3966.



This preview shows how white text looks on a background with the XYZ color 17.5155, 18.2126,

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

17.5155, 18.2126, 14.3966

Protanopia

17.2361, 18.2369, 14.6682

Deuteranopia

18.4709, 18.1890, 14.5939



Tritanopia

18.9525, 18.2900, 21.2703

Trichromacy



Original Color

17.5155, 18.2126, 14.3966

Protanomaly

17.3829, 18.3126, 14.6751

Deuteranomaly

18.1038, 18.1681, 14.6092

Tritanomaly

18.3739, 18.2222, 18.4684

Monochromacy



Original Color

17.5155, 18.2126, 14.3966

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.3737, 18.2421, 17.6443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5155, 18.2126, 14.3966 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(128, 117, 99)` looks like.

```
.text, #text, p{  
    color:rgb(128, 117, 99)  
}
```

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(128, 117, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 117, 99) }
```

Border

The CSS property to change the border of an element to XYZ 17.5155, 18.2126, 14.3966 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(128, 117, 99) }
```


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

```
.border{ border-color:rgb(128, 117, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 117, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 117, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 117, 99);  
box-shadow:4px 4px 4px 4px rgb(128, 117,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5155, 18.2126, 14.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 117, 99) }
```

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

```
.background{ background-color: rgb(128,  
117, 99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor