

Converting Colors

XYZ(17.8280, 18.8155, 14.9337)

Have a look what the booklet for
XYZ(17.8280, 18.8155, 14.9337)
contains.

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Color

**XYZ(17.9675, 18.9617,
15.0249)**

Conversions

Conversions Part 1

Format	Color
Hex	807865
RGB	128, 120, 101
RGB Percent	50%, 47%, 40%
CMY	0.4980, 0.5294, 0.6039
CMYK	0.00, 0.06, 0.21, 0.50
HSL	42°, 12%, 45%
HSV	42°, 21%, 50%
XYZ	17.9675, 18.9617, 15.0249
YIQ	120.2260, 10.8670, -4.2130

Conversions

Conversions Part 2

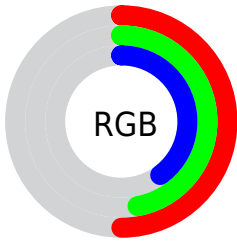
Format	Color
R_{YB}	112, 128, 101
Decimal	8419429
CIE Lab	50.64, -0.29, 11.55
CIE LCh	51, 11.554, 91.451
Yxy	18.9617, 0.3458, 0.3650
Android (android.graphics.Color)	4286609509 (0xFF807865)
YUV	120.2260, -9.4784, 6.8178
Hunter-Lab	43.5450, -2.5514, 10.0239

Details

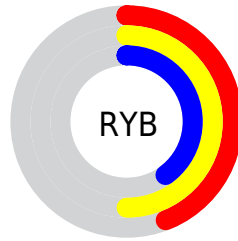
The XYZ color **17.9675, 18.9617, 15.0249** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7317, 15.2621, 22.5916**, and the grayscale version is **17.9523, 18.8872, 20.5682**.

A 20% lighter version of the original color is **39.4761, 41.5958, 35.6539**, and **6.2077, 6.5633, 4.4297** is the 20% darker color. If you saturate the color by 10%, you get **16.9418, 17.8368, 11.8262**, and if you desaturate by 10%, it is **19.1100, 20.1635, 18.7450**.

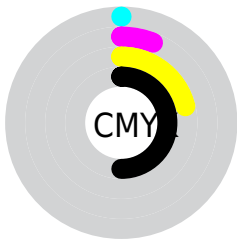
Distribution



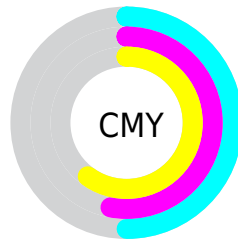
- Red (50%)
- Green (47%)
- Blue (40%)



- Red (44%)
- Yellow (50%)
- Blue (40%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9675, 18.9617, 15.0249 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 17.9675, 18.9617, 15.0249 by changing the saturation by 10% instead.

■ 17.9675, 18.9617,
15.0249

■ 17.9675, 18.9617,
15.0249

233.7369,
246.2372, 235.1629

■ 11.0262, 11.6426,
8.6900

■ 39.5125, 41.6694,
35.6398

■ 6.1519, 6.5008,
4.4455

■ 54.8468, 57.8267,
50.7569

■ 2.9792, 3.1519,
1.8728

■ 73.7096, 77.6990,
69.6385

■ 1.1428, 1.2116,
0.4753

■ 96.4661, 101.6705,
92.7031

■ 0.0604, 0.0711,
0.0000

123.4818,
130.1257, 120.3693

■ 0.0000, 0.0000,
0.0000

155.1219,

163.4490, 153.0557

191.7518,
202.0247, 191.1807

■ 17.9675, 18.9617,
15.0249

■ 17.9675, 18.9617,
15.0249

■ 16.9418, 17.8368,
11.8262

■ 19.1100, 20.1635,
18.7450

■ 16.0266, 16.7841,
9.1238

■ 20.3722, 21.4416,
23.0075

■ 15.2174, 15.8020,
6.8924

■ 21.7587, 22.7991,
27.8339

■ 14.5087, 14.8880,
5.1041

■ 23.2736, 24.2378,
33.2439

■ 13.8943, 14.0393,
3.7279

■ 24.9205, 25.7594,
39.2565

■ 13.3674, 13.2527,
2.7286

■ 26.7032, 27.3658,
45.8896

■ 12.9201, 12.5248,
2.0655

■ 28.6249, 29.0586,
53.1606

■ 12.5657, 11.9163,
1.6378

■ 30.6891, 30.8394,
61.0860

■ 32.8990, 32.7099,
69.6819

Harmonies

Analogous

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



19.0819, 18.9617, 15.6443



17.9675, 18.9617, 15.0249



16.9115, 18.9617, 15.7758

Triad

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



17.9675, 18.9617, 15.0249



16.2303, 18.9617, 24.0692



20.0011, 18.9617, 23.7678

Complementary

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



17.9675, 18.9617, 15.0249



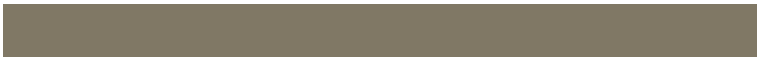
14.7317, 15.2621, 22.5916

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.



19.1812, 18.9617, 26.4279



17.9675, 18.9617, 15.0249



17.0031, 18.9617, 26.6143

Square

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



17.9675, 18.9617, 15.0249



15.9348, 18.9617, 20.8042



18.0777, 18.9617, 27.5189



20.2851, 18.9617, 20.4887

Rectangle

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



17.9675, 18.9617, 15.0249



16.3747, 18.9617, 17.0030



18.0777, 18.9617, 27.5189



19.7773, 18.9617, 24.7755

Sweetspot

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



17.9680, 18.9625, 15.0253



34.7203, 36.5987, 36.6003



16.3216, 15.0031, 16.5321



8.1020, 8.5414, 8.4782



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.



17.9680, 18.9625, 15.0253



30.8008, 32.4819, 23.8188



18.1795, 20.5596, 15.3224



4.5612, 4.8110, 4.6083



12.4609, 11.8183, 1.6244



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.7317, 15.2621, 22.5916



24.1044, 24.8262, 39.4778



14.5417, 13.9549, 22.3493



4.2046, 4.4033, 5.4416



4.5491, 2.9166, 20.5731



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.9675, 18.9617, 15.0249 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 17.9675, 18.9617, 15.0249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

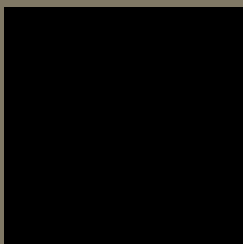
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

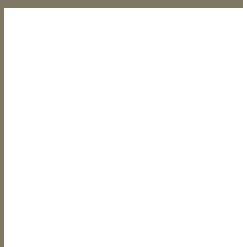
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9675, 18.9617, 15.0249

Background



This preview shows how black text looks on a background with the XYZ color 17.9675, 18.9617, 15.0249.



This preview shows how white text looks on a background with the XYZ color 17.9675, 18.9617,

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

17.9675, 18.9617, 15.0249

Protanopia

17.8178, 18.8846, 15.0179

Deuteranopia

19.2911, 18.9391, 15.2092



Tritanopia

19.4873, 19.0542, 22.3894

Trichromacy



Original Color

17.9675, 18.9617, 15.0249

Protanomaly

17.8178, 18.8846, 15.0179

Deuteranomaly

18.7512, 18.8328, 15.2172

Tritanomaly

18.8952, 18.9870, 19.4986

Monochromacy



Original Color

17.9675, 18.9617, 15.0249

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.8655, 18.8361, 18.3169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9675, 18.9617, 15.0249 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, 120, 101)` looks like.

```
.text, #text, p{  
    color:rgb(128, 120, 101)  
}
```

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, 120, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 120, 101) }
```

Border

The CSS property to change the border of an element to XYZ 17.9675, 18.9617, 15.0249 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, 120, 101) }
```


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

```
.border{ border-color:rgb(128, 120, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 120, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 120, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 120, 101);  
box-shadow:4px 4px 4px 4px rgb(128, 120,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9675, 18.9617, 15.0249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 120, 101) }
```

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

```
.background{ background-color: rgb(128,  
120, 101) }
```

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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