

Converting Colors

XYZ(18.1157, 17.5542, 19.0091)

Have a look what the booklet for
XYZ(18.1157, 17.5542, 19.0091)
contains.

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Color

**XYZ(18.1525, 17.5951,
18.9625)**

Conversions

Conversions Part 1

Format	Color
Hex	827074
RGB	130, 112, 116
RGB Percent	51%, 44%, 45%
CMY	0.4902, 0.5608, 0.5451
CMYK	0.00, 0.14, 0.11, 0.49
HSL	347°, 7%, 47%
HSV	347°, 14%, 51%
XYZ	18.1525, 17.5951, 18.9625
YIQ	117.8380, 9.4440, 5.0600

Conversions

Conversions Part 2

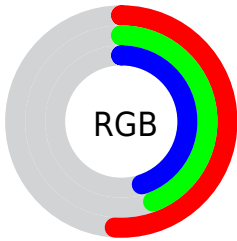
Format	Color
RYB	130, 112, 116
Decimal	8548468
CIELab	49.00, 7.76, 0.38
CIELCh	49, 7.772, 2.822
Yxy	17.5951, 0.3318, 0.3216
Android (android.graphics.Color)	4286738548 (0xFF827074)
YUV	117.8380, -0.9061, 10.6661
Hunter-Lab	41.9465, 3.8401, 2.5597

Details

The XYZ color **18.1525, 17.5951, 18.9625** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.4313, 20.9169, 22.8056**, and the grayscale version is **17.1703, 18.0645, 19.6722**.

A 20% lighter version of the original color is **39.8718, 39.4454, 42.5580**, and **6.2701, 5.8335, 6.2643** is the 20% darker color. If you saturate the color by 10%, you get **16.2639, 14.7084, 15.5871**, and if you desaturate by 10%, it is **20.3133, 20.9232, 22.7450**.

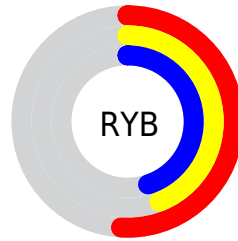
Distribution



Red (51%)

Green (44%)

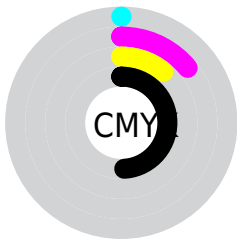
Blue (45%)



Red (51%)

Yellow (44%)

Blue (45%)

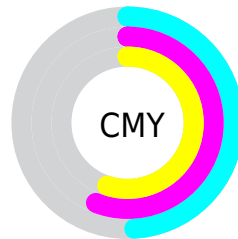


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (49%)



Cyan (49%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1525, 17.5951, 18.9625 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 18.1525, 17.5951, 18.9625 by changing the saturation by 10% instead.

■ 18.1525, 17.5951,
18.9625

■ 18.1525, 17.5951,
18.9625

234.7582,
238.5788, 258.6575

■ 11.1599, 10.6597,
11.4666

■ 39.8251, 39.3462,
42.5066

■ 6.2426, 5.8385,
6.2635

■ 55.2357, 54.9306,
59.3919

■ 3.0352, 2.7471,
2.9346

■ 74.1831, 74.1668,
80.2441

■ 1.1724, 1.0012,
1.0613

■ 97.0325, 97.4393,
105.4817

■ 0.0844, 0.0000,
0.0000

124.1494,
125.1323, 135.5233

■ 0.0000, 0.0000,
0.0000

155.8991,

157.6303, 170.7875

192.6469,
195.3177, 211.6927

■ 18.1525, 17.5951,
18.9625

■ 18.1525, 17.5951,
18.9625

■ 16.2639, 14.7084,
15.5871

■ 20.3133, 20.9232,
22.7450

■ 14.6351, 12.2423,
12.6041

■ 22.7550, 24.7078,
26.9465

■ 13.2550, 10.1778,
9.9992

■ 25.4878, 28.9660,
31.5798

■ 12.1110, 8.4935,
7.7571

■ 28.5211, 33.7136,
36.6569

■ 11.1896, 7.1659,
5.8614

■ 31.8635, 38.9654,
42.1892

■ 10.4756, 6.1691,
4.2943

■ 35.5237, 44.7357,
48.1878

■ 9.9521, 5.4734,
3.0363

■ 39.5097, 51.0382,
54.6633

■ 9.5978, 5.0416,
2.0654

■ 43.8294, 57.8861,
61.6260

■ 9.4263, 4.8340,
1.5907

■ 48.4903, 65.2922,
69.0859

Harmonies

Analogous

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



17.9925, 17.5951, 21.0368



18.1525, 17.5951, 18.9625



17.9206, 17.5951, 17.0779

Triad

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



18.1525, 17.5951, 18.9625



15.9805, 17.5951, 16.0000



16.0960, 17.5951, 22.9270

Complementary

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



18.1525, 17.5951, 18.9625



18.4313, 20.9169, 22.8056

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.



15.5811, 17.5951, 21.4007



18.1525, 17.5951, 18.9625



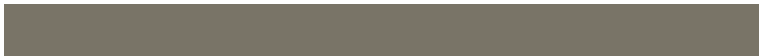
15.5159, 17.5951, 17.3946

Square

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



18.1525, 17.5951, 18.9625



16.6552, 17.5951, 15.4465



15.3718, 17.5951, 19.3550



16.7922, 17.5951, 23.4211

Rectangle

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



18.1525, 17.5951, 18.9625



17.5788, 17.5951, 16.1546



15.3718, 17.5951, 19.3550



15.8966, 17.5951, 22.5125

Sweetspot

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



18.1530, 17.5959, 18.9629



35.6733, 36.6931, 39.8824



18.3987, 17.6213, 23.5509



8.0146, 8.2129, 8.9233



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.



18.1530, 17.5959, 18.9629



30.7369, 29.0999, 31.2091



18.4691, 18.5924, 17.9454



4.3639, 4.3587, 4.7206



9.0405, 4.6359, 1.5373



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.1530, 17.5959, 18.9629



30.7369, 29.0999, 31.2091



18.0709, 19.7750, 23.9839



4.3639, 4.3587, 4.7206



9.0405, 4.6359, 1.5373



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.1525, 17.5951, 18.9625 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 18.1525, 17.5951, 18.9625 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 18.1525, 17.5951, 18.9625

Background



This preview shows how black text looks on a background with the XYZ color 18.1525, 17.5951, 18.9625.



This preview shows how white text looks on a background with the XYZ color 18.1525, 17.5951,

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

18.1525, 17.5951, 18.9625

Protanopia

16.9866, 17.6503, 19.6511

Deuteranopia

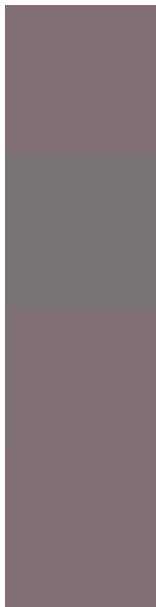
17.9596, 17.6604, 18.9852



Tritanopia

18.4347, 17.5502, 20.1852

Trichromacy



Original Color

18.1525, 17.5951, 18.9625

Protanomaly

17.3677, 17.6834, 19.3275

Deuteranomaly

18.1108, 17.7383, 18.9923

Tritanomaly

18.3743, 17.5261, 19.8672

Monochromacy



Original Color

18.1525, 17.5951, 18.9625

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.4823, 17.9127, 19.3657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1525, 17.5951, 18.9625 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(130, 112, 116)` looks like.

```
.text, #text, p{  
    color:rgb(130, 112, 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(130, 112, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 112, 116) }
```

Border

The CSS property to change the border of an element to XYZ 18.1525, 17.5951, 18.9625 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(130, 112, 116) }
```


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

```
.border{ border-color:rgb(130, 112, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 112, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 112, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 112, 116);  
box-shadow:4px 4px 4px 4px rgb(130, 112,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1525, 17.5951, 18.9625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 112, 116) }
```

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

```
.background{ background-color: rgb(130,  
112, 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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