

Converting Colors

XYZ(17.9645, 18.5904, 18.3488)

Have a look what the booklet for
XYZ(17.9645, 18.5904, 18.3488)
contains.

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Color

**XYZ(17.9165, 18.5091,
18.2511)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7671
RGB	125, 118, 113
RGB Percent	49%, 46%, 44%
CMY	0.5098, 0.5372, 0.5569
CMYK	0.00, 0.06, 0.10, 0.51
HSL	25°, 5%, 47%
HSV	25°, 10%, 49%
XYZ	17.9165, 18.5091, 18.2511
YIQ	119.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

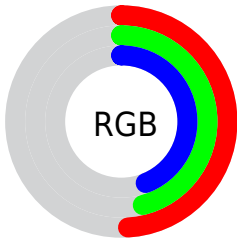
Format	Color
R_{YB}	125, 122, 113
Decimal	8222321
CIE Lab	50.11, 1.74, 3.71
CIE LCh	50, 4.093, 64.850
Yxy	18.5091, 0.3277, 0.3385
Android (android.graphics.Color)	4286412401 (0xFF7D7671)
YUV	119.5230, -3.2158, 4.8033
Hunter-Lab	43.0222, -0.9529, 4.9632

Details

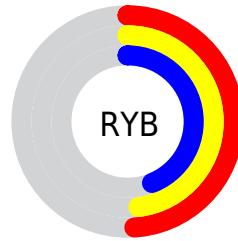
The XYZ color **17.9165, 18.5091, 18.2511** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2281, 18.4239, 22.0503**, and the grayscale version is **17.7095, 18.6318, 20.2900**.

A 20% lighter version of the original color is **39.5264, 40.9310, 41.4145**, and **6.1248, 6.2985, 5.8939** is the 20% darker color. If you saturate the color by 10%, you get **16.4354, 16.5964, 14.5213**, and if you desaturate by 10%, it is **19.5619, 20.5949, 22.5144**.

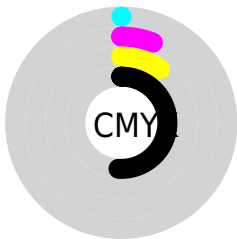
Distribution



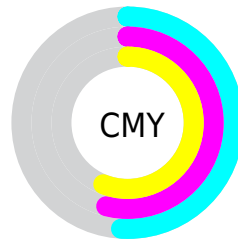
- Red (49%)
- Green (46%)
- Blue (44%)



- Red (49%)
- Yellow (48%)
- Blue (44%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (51%)



- Cyan (51%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9165, 18.5091, 18.2511 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 17.9165, 18.5091, 18.2511 by changing the saturation by 10% instead.

■ 17.9165, 18.5091,
18.2511

■ 17.9165, 18.5091,
18.2511

233.4547,
243.7251, 254.5661

■ 10.9894, 11.3161,
10.9591

■ 39.4262, 40.9029,
41.2844

■ 6.1269, 6.2799,
5.9255

■ 54.7395, 56.8726,
57.8629

■ 2.9638, 3.0160,
2.7318

■ 73.5789, 76.5365,
78.3738

■ 1.1347, 1.1401,
0.9594

■ 96.3097, 100.2792,
103.2359

■ 0.0538, 0.0119,
0.0000

123.2973,
128.4850, 132.8676

■ 0.0000, 0.0000,
0.0000

154.9071,

161.5383, 167.6875

191.5045,
199.8236, 208.1142

■ 17.9165, 18.5091,
18.2511

■ 17.9165, 18.5091,
18.2511

■ 16.4354, 16.5964,
14.5213

■ 19.5619, 20.5949,
22.5144

■ 15.1116, 14.8499,
11.3025

■ 21.3753, 22.8557,
27.3301

■ 13.9400, 13.2655,
8.5726

■ 23.3621, 25.2965,
32.7175

■ 12.9144, 11.8382,
6.3071

■ 25.5270, 27.9214,
38.6948

■ 12.0282, 10.5628,
4.4794

■ 27.8745, 30.7344,
45.2792

■ 11.2741, 9.4335,
3.0604

■ 30.4089, 33.7392,
52.4872

■ 10.6444, 8.4443,
2.0172

■ 33.1344, 36.9394,
60.3349

■ 10.1299, 7.5885,
1.3116

■ 36.0552, 40.3388,
68.8375

■ 9.7063, 6.8531,
0.8256

■ 39.1751, 43.9406,
78.0099

Harmonies

Analogous

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



18.2219, 18.5091, 18.9379



17.9165, 18.5091, 18.2511



17.5283, 18.5091, 18.0663

Triad

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



17.9165, 18.5091, 18.2511



16.8477, 18.5091, 20.3374



18.0291, 18.5091, 21.9881

Complementary

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



17.9165, 18.5091, 18.2511



17.2281, 18.4239, 22.0503

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.



17.6565, 18.5091, 22.3950



17.9165, 18.5091, 18.2511



16.9775, 18.5091, 21.4196

Square

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



17.9165, 18.5091, 18.2511



16.9150, 18.5091, 19.2446



17.2721, 18.5091, 22.1832



18.2876, 18.5091, 21.0901

Rectangle

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



17.9165, 18.5091, 18.2511



17.2757, 18.5091, 18.2466



17.2721, 18.5091, 22.1832



17.9129, 18.5091, 22.1883

Sweetspot

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



17.9170, 18.5099, 18.2515



33.9737, 35.5482, 37.5560



17.7529, 17.5265, 20.2168



7.6787, 8.0239, 8.4151



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.



17.9170, 18.5099, 18.2515



31.3426, 32.1947, 30.7942



18.6459, 19.9677, 18.4945



4.4636, 4.6159, 4.5758



10.1071, 7.1106, 0.8398



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.2281, 18.4239, 22.0503



29.7907, 32.0009, 39.3510



16.5293, 17.0263, 21.8174



4.3008, 4.5956, 5.4736



6.3355, 6.4895, 21.1686



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.9165, 18.5091, 18.2511 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 17.9165, 18.5091, 18.2511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

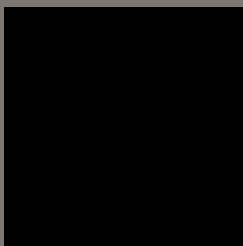
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

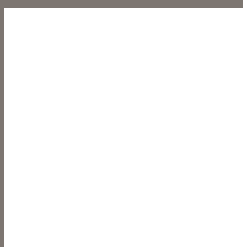
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9165, 18.5091, 18.2511

Background



This preview shows how black text looks on a background with the XYZ color 17.9165, 18.5091, 18.2511.

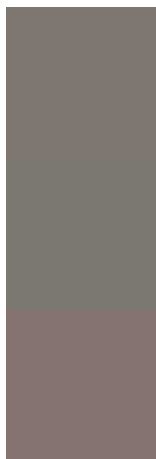


This preview shows how white text looks on a background with the XYZ color 17.9165, 18.5091,

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

17.9165, 18.5091, 18.2511

Protanopia

17.7458, 18.5969, 18.2770

Deuteranopia

18.8409, 18.4629, 18.4903



Tritanopia

18.6995, 18.4835, 21.9841

Trichromacy



Original Color

17.9165, 18.5091, 18.2511

Protanomaly

17.8896, 18.6710, 18.2838

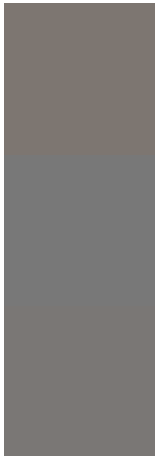
Deuteranomaly

18.4886, 18.4515, 18.5066

Tritanomaly

18.4167, 18.5387, 20.6968

Monochromacy



Original Color

17.9165, 18.5091, 18.2511

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.8338, 18.6156, 19.4828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9165, 18.5091, 18.2511 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(125, 118, 113)` looks like.

```
.text, #text, p{  
    color:rgb(125, 118, 113)  
}
```

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(125, 118, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 118, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.9165, 18.5091, 18.2511 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(125, 118, 113) }
```


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

```
.border{ border-color:rgb(125, 118, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 118, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 118, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 118, 113);  
box-shadow:4px 4px 4px 4px rgb(125, 118,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9165, 18.5091, 18.2511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 118, 113) }
```

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

```
.background{ background-color: rgb(125,  
118, 113) }
```

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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