

Converting Colors

XYZ(18.5448, 21.4777, 18.2080)

Have a look what the booklet for
XYZ(18.5448, 21.4777, 18.2080)
contains.

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Color

**XYZ(18.5917, 21.5018,
18.2093)**

Conversions

Conversions Part 1

Format	Color
Hex	76846F
RGB	118, 132, 111
RGB Percent	46%, 52%, 44%
CMY	0.5373, 0.4823, 0.5647
CMYK	0.11, 0.00, 0.16, 0.48
HSL	100°, 9%, 48%
HSV	100°, 16%, 52%
XYZ	18.5917, 21.5018, 18.2093
YIQ	125.4200, -1.6030, -9.4990

Conversions

Conversions Part 2

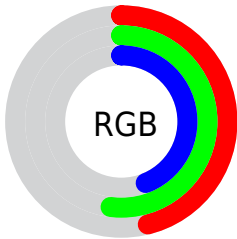
Format	Color
R_{YB}	111, 132, 125
Decimal	7767151
CIE _{Lab}	53.49, -9.30, 9.63
CIE _{LCh}	53, 13.387, 134.008
Yxy	21.5018, 0.3189, 0.3688
Android (android.graphics.Color)	4285957231 (0xFF76846F)
YUV	125.4200, -7.1091, -6.5073
Hunter-Lab	46.3700, -9.5794, 9.1761

Details

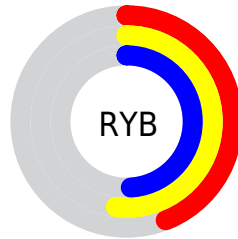
The XYZ color **18.5917, 21.5018, 18.2093** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **18.3077, 17.3954, 24.2237**, and the grayscale version is **19.6588, 20.6826, 22.5233**.

A 20% lighter version of the original color is **40.5374, 45.8883, 41.3711**, and **6.5162, 7.8475, 5.8739** is the 20% darker color. If you saturate the color by 10%, you get **16.7781, 20.6454, 14.6067**, and if you desaturate by 10%, it is **20.6254, 22.4606, 22.3839**.

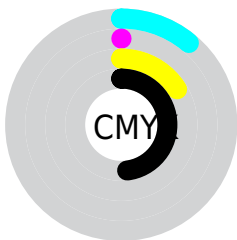
Distribution



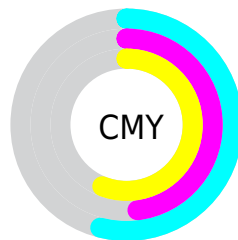
- Red (46%)
- Green (52%)
- Blue (44%)



- Red (44%)
- Yellow (52%)
- Blue (49%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (48%)



- Cyan (54%)
- Magenta (48%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5917, 21.5018, 18.2093 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 18.5917, 21.5018, 18.2093 by changing the saturation by 10% instead.

■ 18.5917, 21.5018,
18.2093

■ 18.5917, 21.5018,
18.2093

237.1670,
259.9334, 254.3237

■ 11.4779, 13.4913,
10.9294

■ 40.5652, 45.9212,
41.2124

■ 6.4589, 7.7677,
5.9058

■ 56.1557, 63.0989,
57.7726

■ 3.1694, 3.9467,
2.7200

■ 75.3024, 84.1010,
78.2634

■ 1.2439, 1.6438,
0.9535

■ 98.3707, 109.3121,
103.1032

■ 0.1406, 0.3868,
0.0000

125.7259,
139.1165, 132.7106

■ 0.0000, 0.0000,
0.0000

157.7335,

173.8986, 167.5041

194.7587,
214.0427, 207.9023

■ 18.5917, 21.5018,
18.2093

■ 18.5917, 21.5018,
18.2093

■ 16.7781, 20.6454,
14.6067

■ 20.6254, 22.4606,
22.3839

■ 15.1752, 19.8851,
11.5497

■ 22.8849, 23.5222,
27.1524

■ 13.7754, 19.2181,
9.0122

■ 25.3776, 24.6906,
32.5372

■ 12.5698, 18.6407,
6.9652

■ 28.1103, 25.9689,
38.5594

■ 11.5490, 18.1485,
5.3769

■ 31.0893, 27.3599,
45.2388

■ 10.7025, 17.7371,
4.2117

■ 34.3208, 28.8663,
52.5945

■ 10.0188, 17.4012,
3.4290

■ 37.8107, 30.4909,
60.6448

■ 9.4810, 17.1337,
2.9625

■ 41.5647, 32.2361,
69.4072

■ 9.2901, 17.0387,
2.7992

■ 45.5883, 34.1044,
78.8988

Harmonies

Analogous

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



19.7807, 21.5018, 16.5937



18.5917, 21.5018, 18.2093



17.9144, 21.5018, 21.3158

Triad

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



18.5917, 21.5018, 18.2093



19.6912, 21.5018, 31.7943



23.2122, 21.5018, 21.5633

Complementary

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



18.5917, 21.5018, 18.2093



18.3077, 17.3954, 24.2237

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.



23.1855, 21.5018, 25.6409



18.5917, 21.5018, 18.2093



21.1072, 21.5018, 31.8806

Square

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



18.5917, 21.5018, 18.2093



18.5288, 21.5018, 29.2977



22.4001, 21.5018, 29.5214



22.4715, 21.5018, 18.3722

Rectangle

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



18.5917, 21.5018, 18.2093



17.8236, 21.5018, 23.9646



22.4001, 21.5018, 29.5214



23.2937, 21.5018, 22.8676

Sweetspot

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



18.5923, 21.5027, 18.2098



36.6327, 39.7047, 40.0589



19.7195, 20.7214, 17.9995



8.4757, 9.2190, 9.2156



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.5923, 21.5027, 18.2098



31.5824, 37.3245, 29.7323



17.8733, 21.1094, 19.2021



4.7518, 5.2746, 4.9970



8.9999, 16.4996, 2.7104



0.0383, 0.0608, 0.0097

Inverse Universe

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



18.3077, 17.3954, 24.2237



30.9843, 28.7001, 42.3598



19.1303, 17.8467, 23.0326



4.7111, 4.6872, 5.8572



7.9360, 3.6253, 21.4182



0.0353, 0.0166, 0.0746

Previews

White Background



This preview shows how the XYZ color 18.5917, 21.5018, 18.2093 looks on a white background.

Color Contrast Check

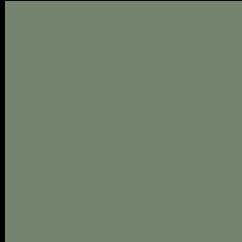
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5917, 21.5018, 18.2093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

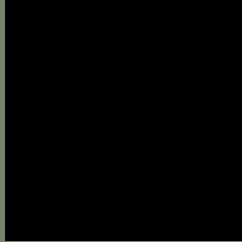
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.5917, 21.5018, 18.2093

Background



This preview shows how black text looks on a background with the XYZ color 18.5917, 21.5018, 18.2093.



This preview shows how white text looks on a background with the XYZ color 18.5917, 21.5018,

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

18.5917, 21.5018, 18.2093

Protanopia

20.1812, 21.3512, 17.5255

Deuteranopia

21.7406, 21.3779, 18.6033



Tritanopia

20.3327, 21.4109, 27.1058

Trichromacy



Original Color

18.5917, 21.5018, 18.2093

Protanomaly

19.5668, 21.4155, 17.8542

Deuteranomaly

20.3772, 21.2425, 18.3554

Tritanomaly

19.6317, 21.3240, 23.5033

Monochromacy



Original Color

18.5917, 21.5018, 18.2093

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.1354, 20.9320, 20.8010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5917, 21.5018, 18.2093 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(118, 132, 111)` looks like.

```
.text, #text, p{  
    color:rgb(118, 132, 111)  
}
```

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(118, 132, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 132, 111) }
```

Border

The CSS property to change the border of an element to XYZ 18.5917, 21.5018, 18.2093 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(118, 132, 111) }
```


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

```
.border{ border-color:rgb(118, 132, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 132, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 132, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 132, 111);  
box-shadow:4px 4px 4px 4px rgb(118, 132,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5917, 21.5018, 18.2093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 132, 111) }
```

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

```
.background{ background-color: rgb(118,  
132, 111) }
```

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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