

Converting Colors

XYZ(18.4768, 17.3280, 6.5743)

Have a look what the booklet for
XYZ(18.4768, 17.3280, 6.5743)
contains.

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Color

**XYZ(18.5464, 17.4305,
6.5246)**

Conversions

Conversions Part 1

Format	Color
Hex	956C3B
RGB	149, 108, 59
RGB Percent	58%, 42%, 23%
CMY	0.4157, 0.5765, 0.7686
CMYK	0.00, 0.28, 0.60, 0.42
HSL	33°, 43%, 41%
HSV	33°, 60%, 58%
XYZ	18.5464, 17.4305, 6.5246
YIQ	114.6730, 40.1650, -6.5470

Conversions

Conversions Part 2

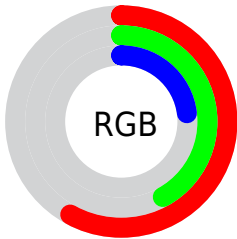
Format	Color
RYB	134, 149, 59
Decimal	9792571
CIELab	48.80, 10.71, 33.46
CIElCh	49, 35.128, 72.254
Yxy	17.4305, 0.4364, 0.4101
Android (android.graphics.Color)	4287982651 (0xFF956C3B)
YUV	114.6730, -27.4468, 30.1048
Hunter-Lab	41.7499, 6.2322, 19.9591

Details

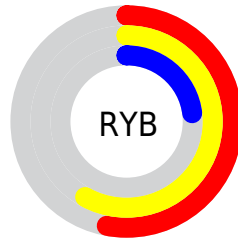
The XYZ color **18.5464, 17.4305, 6.5246** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.7853, 12.2134, 30.1698**, and the grayscale version is **16.2690, 17.1163, 18.6396**.

A 20% lighter version of the original color is **40.5585, 39.0008, 19.5776**, and **6.4607, 5.7994, 1.1597** is the 20% darker color. If you saturate the color by 10%, you get **17.5257, 15.9218, 4.5424**, and if you desaturate by 10%, it is **19.7340, 19.0966, 9.1071**.

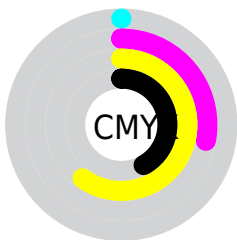
Distribution



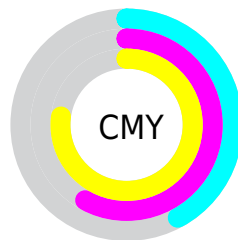
- Red (58%)
- Green (42%)
- Blue (23%)



- Red (53%)
- Yellow (58%)
- Blue (23%)



- Cyan (0%)
- Magenta (28%)
- Yellow (60%)
- Black (42%)



- Cyan (42%)
- Magenta (58%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5464, 17.4305, 6.5246 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 18.5464, 17.4305, 6.5246 by changing the saturation by 10% instead.

■ 18.5464, 17.4305,
6.5246

■ 18.5464, 17.4305,
6.5246

236.9195,
237.6412, 173.1311

■ 11.4450, 10.5419,
3.0927

■ 40.4890, 39.0645,
19.5066

■ 6.4365, 5.7597,
1.1422

■ 56.0610, 54.5787,
29.8937

■ 3.1554, 2.6995,
0.0000

■ 75.1872, 73.7368,
43.4364

■ 1.2365, 0.9770,
0.0000

■ 98.2331, 96.9234,
60.5531

■ 0.1349, 0.0000,
0.0000

■ 125.5639,
124.5227, 81.6624

■ 0.0000, 0.0000,
0.0000

■ 157.5450,

156.9191, 107.1828

194.5417,
194.4972, 137.5328

■ 18.5464, 17.4305,
6.5246

■ 18.5464, 17.4305,
6.5246

■ 17.5257, 15.9218,
4.5424

■ 19.7340, 19.0966,
9.1071

■ 16.6597, 14.5614,
3.1081

■ 21.0971, 20.9232,
12.3342

■ 15.9362, 13.3431,
2.1618

■ 22.6448, 22.9168,
16.2472

■ 15.3463, 12.2935,
1.5640

■ 24.3855, 25.0825,
20.8836

■ 26.3267, 27.4250,
26.2783

■ 28.4757, 29.9489,
32.4636

■ 30.8393, 32.6588,
39.4703

■ 33.4238, 35.5588,
47.3273

■ 36.2356, 38.6530,
56.0621

Harmonies

Analogous

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



21.6381, 17.4305, 9.3066



18.5464, 17.4305, 6.5246



15.2755, 17.4305, 6.3092

Triad

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



18.5464, 17.4305, 6.5246



11.1786, 17.4305, 23.0379



21.1360, 17.4305, 35.5528

Complementary

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



18.5464, 17.4305, 6.5246



11.7853, 12.2134, 30.1698

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.



17.9297, 17.4305, 42.3995



18.5464, 17.4305, 6.5246



12.3577, 17.4305, 33.7415

Square

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



18.5464, 17.4305, 6.5246



11.2983, 17.4305, 14.0285



14.7340, 17.4305, 41.6454



23.2624, 17.4305, 24.9750

Rectangle

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



18.5464, 17.4305, 6.5246



13.4500, 17.4305, 7.5079



14.7340, 17.4305, 41.6454



20.1321, 17.4305, 38.5014

Sweetspot

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



18.5468, 17.4314, 6.5249



44.3500, 45.7482, 39.2555



16.3074, 10.4572, 13.4710



9.6327, 9.8990, 8.1645



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.5468, 17.4314, 6.5249



30.8835, 27.7409, 7.2494



23.3908, 27.9214, 8.2944



6.0467, 6.3072, 6.1392



12.9461, 10.4067, 1.3263



0.1880, 0.1864, 0.0261

Inverse Universe

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



11.7853, 12.2134, 30.1698



17.7084, 17.5931, 53.3837



8.9755, 6.3222, 29.1808



5.7041, 6.0421, 7.3353



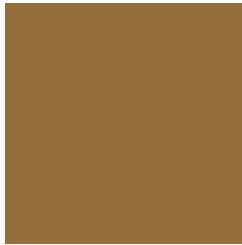
6.3280, 5.3508, 24.6303



0.1063, 0.1232, 0.3111

Previews

White Background



This preview shows how the XYZ color 18.5464, 17.4305, 6.5246 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 18.5464, 17.4305, 6.5246 looks on a black 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

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

XYZ 18.5464, 17.4305, 6.5246

Background



This preview shows how black text looks on a background with the XYZ color 18.5464, 17.4305, 6.5246.



This preview shows how white text looks on a background with the XYZ color 18.5464, 17.4305,

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

18.5464, 17.4305, 6.5246

Protanopia

16.0170, 17.4278, 7.0771

Deuteranopia

17.7759, 17.5140, 6.4466



Tritanopia

20.7027, 17.4008, 17.0194

Trichromacy



Original Color

18.5464, 17.4305, 6.5246

Protanomaly

16.9008, 17.3814, 6.8791

Deuteranomaly

18.0167, 17.4771, 6.4268

Tritanomaly

19.7875, 17.3314, 12.1999

Monochromacy



Original Color

18.5464, 17.4305, 6.5246

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.6121, 16.9266, 13.2181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5464, 17.4305, 6.5246 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(149, 108, 59)` looks like.

```
.text, #text, p{  
    color:rgb(149, 108, 59)  
}
```

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(149, 108, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 108, 59) }
```

Border

The CSS property to change the border of an element to XYZ 18.5464, 17.4305, 6.5246 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(149, 108, 59) }
```


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

```
.border{ border-color:rgb(149, 108, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 108, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 108, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 108, 59);  
box-shadow:4px 4px 4px 4px rgb(149, 108,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5464, 17.4305, 6.5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 108, 59) }
```

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

```
.background{ background-color: rgb(149,  
108, 59) }
```

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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