

Converting Colors

XYZ(17.1084, 13.5804, 4.5159)

Have a look what the booklet for
XYZ(17.1084, 13.5804, 4.5159)
contains.

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Color

**XYZ(17.1084, 13.5804,
4.5159)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5530
RGB	154, 85, 48
RGB Percent	60%, 33%, 19%
CMY	0.3961, 0.6666, 0.8118
CMYK	0.00, 0.45, 0.69, 0.40
HSL	21°, 52%, 40%
HSV	21°, 69%, 60%
XYZ	17.1084, 13.5804, 4.5159
YIQ	101.4130, 53.0010, 3.1210

Conversions

Conversions Part 2

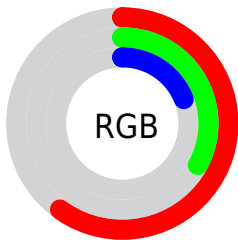
Format	Color
RYB	154, 105, 48
Decimal	10114352
CIELab	43.63, 25.31, 33.57
CIElCh	44, 42.042, 52.992
Yxy	13.5804, 0.4860, 0.3858
Android (android.graphics.Color)	4288304432 (0xFF9A5530)
YUV	101.4130, -26.3326, 46.1188
Hunter-Lab	36.8516, 18.3786, 18.5305

Details

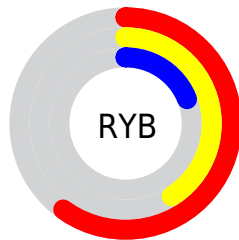
The XYZ color **17.1084, 13.5804, 4.5159** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.4125, 15.6832, 32.8918**, and the grayscale version is **12.5334, 13.1861, 14.3597**.

A 20% lighter version of the original color is **38.0669, 32.4499, 15.3234**, and **5.7356, 3.9851, 0.4956** is the 20% darker color. If you saturate the color by 10%, you get **16.1101, 12.0071, 2.8783**, and if you desaturate by 10%, it is **18.3296, 15.4229, 6.7725**.

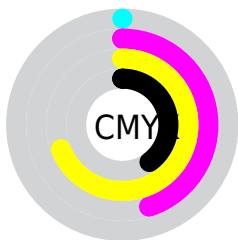
Distribution



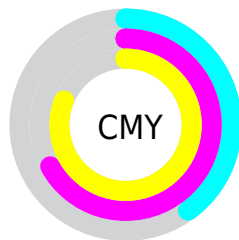
- Red (60%)
- Green (33%)
- Blue (19%)



- Red (60%)
- Yellow (41%)
- Blue (19%)



- Cyan (0%)
- Magenta (45%)
- Yellow (69%)
- Black (40%)





- Cyan (40%)
- Magenta (67%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1084, 13.5804, 4.5159 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 17.1084, 13.5804, 4.5159 by changing the saturation by 10% instead.

 17.1084, 13.5804,
4.5159


 17.1084, 13.5804,
4.5159


228.9404,
214.6046, 153.7977


 10.4076, 7.8294,
1.9124


 38.0542, 32.3426,
15.1831


 5.7344, 3.9860,
0.5006

 53.0299, 46.1227,
24.0839


 2.7234, 1.6657,
0.0000

 71.4945, 63.3478,
35.9209

 1.0092, 0.4013,
0.0000

 93.8136, 84.4026,
51.1127

 0.0000, 0.0000,
0.0000

 120.3523,
109.6712, 70.0777

 151.4761,

139.5382, 93.2345

187.5504,
174.3878, 121.0017

■ 17.1084, 13.5804,
4.5159

■ 17.1084, 13.5804,
4.5159

■ 16.1101, 12.0071,
2.8783

■ 18.3296, 15.4229,
6.7725

■ 15.3169, 10.6867,
1.7941

■ 19.7873, 17.5454,
9.7030

■ 14.6992, 9.5999,
1.1300

■ 21.4952, 19.9606,
13.3569

■ 14.6344, 9.4860,
1.0597

■ 23.4654, 22.6797,
17.7791

■ 25.7094, 25.7133,
23.0105

■ 28.2376, 29.0714,
29.0893

■ 31.0602, 32.7635,
36.0512

■ 34.1867, 36.7989,
43.9297

■ 37.6261, 41.1864,
52.7567

Harmonies

Analogous

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



19.6612, 13.5804, 8.7723



17.1084, 13.5804, 4.5159



13.6961, 13.5804, 3.1006

Triad

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



17.1084, 13.5804, 4.5159



7.5862, 13.5804, 12.6819



15.5435, 13.5804, 38.5631

Complementary

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



17.1084, 13.5804, 4.5159



13.4125, 15.6832, 32.8918

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.



12.1502, 13.5804, 41.0901



17.1084, 13.5804, 4.5159



7.9106, 13.5804, 23.0650

Square

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



17.1084, 13.5804, 4.5159



8.4814, 13.5804, 6.3344



9.4580, 13.5804, 34.5196



18.6557, 13.5804, 28.6152

Rectangle

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



17.1084, 13.5804, 4.5159



11.5354, 13.5804, 3.2181



9.4580, 13.5804, 34.5196



14.3849, 13.5804, 40.4435

Sweetspot

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



17.1087, 13.5811, 4.5161



45.5986, 45.2270, 39.1935



17.6931, 10.3079, 18.4051



10.0817, 9.9140, 8.3112



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.1087, 13.5811, 4.5161



28.3816, 20.3584, 3.9658



22.7110, 24.7857, 6.3836



6.3764, 6.5578, 6.5356



11.9541, 7.7905, 0.8737



0.2106, 0.1803, 0.0237

Inverse Universe

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



13.4125, 15.6832, 32.8918



21.0980, 24.2516, 59.1053



8.9805, 6.8192, 31.4145



6.2030, 6.6633, 7.8882



8.5180, 9.4326, 26.2794



0.1611, 0.2086, 0.4041

Previews

White Background



This preview shows how the XYZ color 17.1084, 13.5804, 4.5159 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 17.1084, 13.5804, 4.5159 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 17.1084, 13.5804, 4.5159

Background



This preview shows how black text looks on a background with the XYZ color 17.1084, 13.5804, 4.5159.



This preview shows how white text looks on a background with the XYZ color 17.1084, 13.5804,

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

17.1084, 13.5804, 4.5159

Protanopia

12.5556, 13.7444, 5.4812

Deuteranopia

13.9888, 13.7803, 4.4052



Tritanopia

18.3324, 13.6247, 10.4677

Trichromacy



Original Color

17.1084, 13.5804, 4.5159

Protanomaly

13.9478, 13.4644, 5.1126

Deuteranomaly

14.9771, 13.6059, 4.4216

Tritanomaly

17.7046, 13.4710, 7.7979

Monochromacy



Original Color

17.1084, 13.5804, 4.5159

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.3609, 12.7867, 9.7465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1084, 13.5804, 4.5159 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(154, 85, 48)` looks like.

```
.text, #text, p{  
    color:rgb(154, 85, 48)  
}
```

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(154, 85, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 85, 48) }
```

Border

The CSS property to change the border of an element to XYZ 17.1084, 13.5804, 4.5159 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(154, 85, 48) }
```


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

```
.border{ border-color:rgb(154, 85, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 85, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 85, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 85, 48);  
box-shadow:4px 4px 4px 4px rgb(154, 85,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1084, 13.5804, 4.5159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 85, 48) }
```

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

```
.background{ background-color: rgb(154, 85,  
48) }
```

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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