

Converting Colors

XYZ(17.1406, 13.5143, 14.0315)

Have a look what the booklet for
XYZ(17.1406, 13.5143, 14.0315)
contains.

XYZ(17.1784, 13.5245, 14.0170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.1784, 13.5245,
14.0170)**

Conversions

Conversions Part 1

Format	Color
Hex	905665
RGB	144, 86, 101
RGB Percent	56%, 34%, 40%
CMY	0.4353, 0.6627, 0.6039
CMYK	0.00, 0.40, 0.30, 0.44
HSL	344°, 25%, 45%
HSV	344°, 40%, 56%
XYZ	17.1784, 13.5245, 14.0170
YIQ	105.0520, 29.7530, 16.9610

Conversions

Conversions Part 2

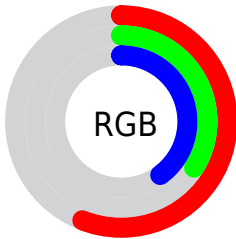
Format	Color
R_{YB}	144, 86, 101
Decimal	9459301
CIE _{Lab}	43.54, 26.04, 1.67
CIE _{LCh}	44, 26.097, 3.679
Yxy	13.5245, 0.3841, 0.3024
Android (android.graphics.Color)	4287649381 (0xFF905665)
YUV	105.0520, -1.9976, 34.1574
Hunter-Lab	36.7757, 19.0223, 3.1447

Details

The XYZ color **17.1784, 13.5245, 14.0170** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.7742, 23.5103, 24.3714**, and the grayscale version is **13.4413, 14.1413, 15.3999**.

A 20% lighter version of the original color is **38.1663, 32.3004, 33.9288**, and **5.8050, 3.9927, 3.9547** is the 20% darker color. If you saturate the color by 10%, you get **15.6528, 11.2567, 11.0931**, and if you desaturate by 10%, it is **19.0044, 16.2841, 17.3766**.

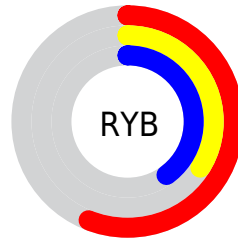
Distribution



Red (56%)

Green (34%)

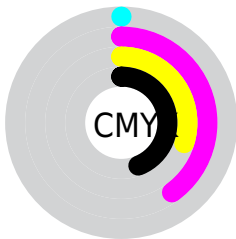
Blue (40%)



Red (56%)

Yellow (34%)

Blue (40%)

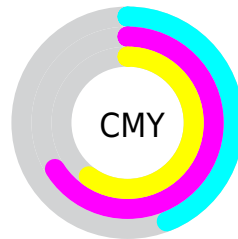


Cyan (0%)

Magenta (40%)

Yellow (30%)

Black (44%)



Cyan (44%)


Magenta (66%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1784, 13.5245, 14.0170 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 17.1784, 13.5245, 14.0170 by changing the saturation by 10% instead.


 17.1784, 13.5245,
14.0170


 17.1784, 13.5245,
14.0170


229.3346,
214.2523, 228.7687


 10.4579, 7.7907,
7.9936


 38.1734, 32.2429,
33.8367


 5.7682, 3.9613,
4.0031

 53.1786, 45.9963,
48.4702


 2.7439, 1.6519,
1.6271

 71.6760, 63.1917,
66.8107

 1.0198, 0.3922,
0.3100

 94.0311, 84.2135,
89.2769

 0.0000, 0.0000,
0.0000

 120.6091,
109.4460, 116.2872

151.7755,

139.2738, 148.2603

187.8955,
174.0811, 185.6146

■ 17.1784, 13.5245,
14.0170

■ 17.1784, 13.5245,
14.0170

■ 15.6528, 11.2567,
11.0931

■ 19.0044, 16.2841,
17.3766

■ 14.4099, 9.4498,
8.5858

■ 21.1449, 19.5601,
21.1885

■ 13.4317, 8.0722,
6.4757

■ 23.6146, 23.3780,
25.4690

■ 12.6978, 7.0876,
4.7412

■ 26.4267, 27.7608,
30.2337

■ 12.1844, 6.4538,
3.3587

■ 29.5940, 32.7304,
35.4973

■ 11.8393, 6.0644,
2.3162

■ 33.1282, 38.3073,
41.2738

■ 37.0409, 44.5112,
47.5769

■ 41.3429, 51.3607,
54.4194

■ 46.0446, 58.8739,
61.8140

Harmonies

Analogous

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



16.6995, 13.5245, 20.2878



17.1784, 13.5245, 14.0170



16.4017, 13.5245, 9.3349

Triad

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



17.1784, 13.5245, 14.0170



10.8004, 13.5245, 7.2180



11.1931, 13.5245, 27.2597

Complementary

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



17.1784, 13.5245, 14.0170



17.7742, 23.5103, 24.3714

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.



9.8598, 13.5245, 21.8727



17.1784, 13.5245, 14.0170



9.6505, 13.5245, 10.2865

Square

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



17.1784, 13.5245, 14.0170



12.6047, 13.5245, 6.1213



9.3251, 13.5245, 15.4583



13.1079, 13.5245, 29.0167

Rectangle

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



17.1784, 13.5245, 14.0170



15.3200, 13.5245, 7.4042



9.3251, 13.5245, 15.4583



10.6691, 13.5245, 25.7541

Sweetspot

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



17.1788, 13.5252, 14.0173



40.7448, 39.8283, 43.3664



17.3449, 13.3006, 28.0388



9.2271, 8.9529, 9.7440



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.1788, 13.5252, 14.0173



27.9265, 20.3237, 20.1892



17.6944, 15.6270, 10.8887



5.4626, 5.4456, 5.9339



10.3184, 5.2844, 2.0621



0.1066, 0.0537, 0.0616

Inverse Universe

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



17.1788, 13.5252, 14.0173



27.9265, 20.3237, 20.1892



16.9172, 20.0823, 29.3703



5.4626, 5.4456, 5.9339



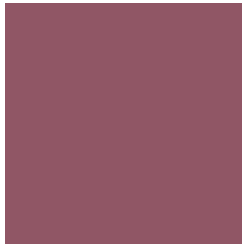
10.3184, 5.2844, 2.0621



0.1066, 0.0537, 0.0616

Previews

White Background



This preview shows how the XYZ color 17.1784, 13.5245, 14.0170 looks on a white background.

Color Contrast Check

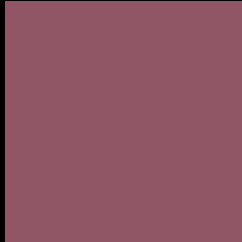
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1784, 13.5245, 14.0170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

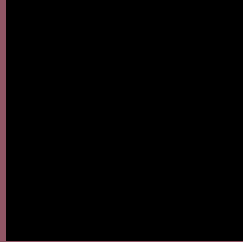
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1784, 13.5245, 14.0170

Background



This preview shows how black text looks on a background with the XYZ color 17.1784, 13.5245, 14.0170.



This preview shows how white text looks on a background with the XYZ color 17.1784, 13.5245,

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

17.1784, 13.5245, 14.0170

Protanopia

13.3130, 13.7318, 16.9877

Deuteranopia

13.8795, 13.6600, 13.7095



Tritanopia

16.7563, 13.4642, 12.3054

Trichromacy



Original Color

17.1784, 13.5245, 14.0170

Protanomaly

14.3997, 13.4625, 15.7495

Deuteranomaly

14.9966, 13.5401, 13.8797

Tritanomaly

16.8936, 13.5191, 13.0283

Monochromacy



Original Color

17.1784, 13.5245, 14.0170

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.4741, 13.6568, 14.9699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1784, 13.5245, 14.0170 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(144, 86, 101)` looks like.

```
.text, #text, p{  
    color:rgb(144, 86, 101)  
}
```

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(144, 86, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 86, 101) }
```

Border

The CSS property to change the border of an element to XYZ 17.1784, 13.5245, 14.0170 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(144, 86, 101) }
```


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

```
.border{ border-color:rgb(144, 86, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 86, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 86, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 86, 101);  
box-shadow:4px 4px 4px 4px rgb(144, 86,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1784, 13.5245, 14.0170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 86, 101) }
```

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

```
.background{ background-color: rgb(144, 86,  
101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor