

Converting Colors

XYZ(16.9205, 17.3868, 13.4402)

Have a look what the booklet for
XYZ(16.9205, 17.3868, 13.4402)
contains.

XYZ(17.0307, 17.4683, 13.5404)	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(17.0307, 17.4683,
13.5404)**

Conversions

Conversions Part 1

Format	Color
Hex	807260
RGB	128, 114, 96
RGB Percent	50%, 45%, 38%
CMY	0.4980, 0.5529, 0.6235
CMYK	0.00, 0.11, 0.25, 0.50
HSL	34°, 14%, 44%
HSV	34°, 25%, 50%
XYZ	17.0307, 17.4683, 13.5404
YIQ	116.1340, 14.1220, -2.6300

Conversions

Conversions Part 2

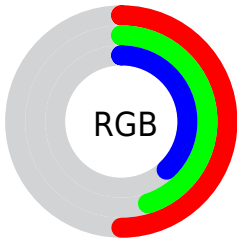
Format	Color
R_{YB}	121, 128, 96
Decimal	8417888
CIE Lab	48.84, 2.38, 11.97
CIE LCh	49, 12.207, 78.761
Yxy	17.4683, 0.3545, 0.3636
Android (android.graphics.Color)	4286607968 (0xFF807260)
YUV	116.1340, -9.9261, 10.4065
Hunter-Lab	41.7951, -0.4061, 10.0483

Details

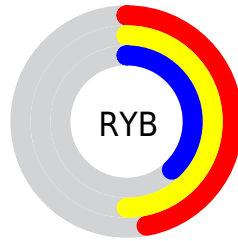
The XYZ color **17.0307, 17.4683, 13.5404** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2960, 15.1968, 22.6020**, and the grayscale version is **16.6683, 17.5364, 19.0971**.

A 20% lighter version of the original color is **37.9587, 39.2028, 33.1700**, and **5.6658, 5.7464, 3.8282** is the 20% darker color. If you saturate the color by 10%, you get **15.8765, 16.0274, 10.4811**, and if you desaturate by 10%, it is **18.3205, 19.0265, 17.1187**.

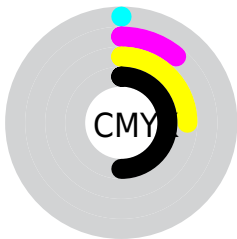
Distribution



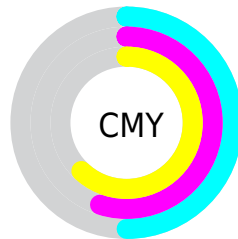
- Red (50%)
- Green (45%)
- Blue (38%)



- Red (47%)
- Yellow (50%)
- Blue (38%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (50%)



- Cyan (50%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0307, 17.4683, 13.5404 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 17.0307, 17.4683, 13.5404 by changing the saturation by 10% instead.

■ 17.0307, 17.4683,
13.5404

■ 17.0307, 17.4683,
13.5404

228.5020,
237.8568, 225.6807

■ 10.3518, 10.5689,
7.6666

■ 37.9217, 39.1292,
32.9766

■ 5.6969, 5.7778,
3.7977

■ 52.8646, 54.6595,
47.3761

■ 2.7006, 2.7104,
1.5150

■ 71.2928, 73.8357,
65.4546

■ 0.9975, 0.9825,
0.2291

■ 93.5718, 97.0420,
87.6306

■ 0.0000, 0.0000,
0.0000

120.0668,
124.6628, 114.3227

151.1433,

157.0827, 145.9493

187.1666,
194.6858, 182.9292

■ 17.0307, 17.4683,
13.5404

■ 17.0307, 17.4683,
13.5404

■ 15.8765, 16.0274,
10.4811

■ 18.3205, 19.0265,
17.1187

■ 14.8512, 14.6983,
7.9152

■ 19.7494, 20.7027,
21.2381

■ 13.9495, 13.4782,
5.8163

■ 21.3227, 22.5006,
25.9204

■ 13.1652, 12.3635,
4.1551

■ 23.0449, 24.4231,
31.1860

■ 12.4913, 11.3504,
2.8990

■ 24.9201, 26.4728,
37.0545

■ 11.9201, 10.4343,
2.0109

■ 26.9525, 28.6523,
43.5442

■ 11.4404, 9.6097,
1.4357

■ 29.1461, 30.9641,
50.6728

■ 11.2202, 9.2253,
1.1893

■ 31.5044, 33.4108,
58.4574

■ 34.0313, 35.9947,
66.9143

Harmonies

Analogous

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



18.0788, 17.4683, 14.7093



17.0307, 17.4683, 13.5404



15.9132, 17.4683, 13.7098

Triad

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



17.0307, 17.4683, 13.5404



14.6273, 17.4683, 21.0949



18.2932, 17.4683, 23.4296

Complementary

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



17.0307, 17.4683, 13.5404



14.2960, 15.1968, 22.6020

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.



17.3126, 17.4683, 25.5500



17.0307, 17.4683, 13.5404



15.2100, 17.4683, 24.1000

Square

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



17.0307, 17.4683, 13.5404



14.5595, 17.4683, 17.8314



16.1827, 17.4683, 25.8084



18.8295, 17.4683, 20.2603

Rectangle

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



17.0307, 17.4683, 13.5404



15.2780, 17.4683, 14.5639



16.1827, 17.4683, 25.8084



18.0026, 17.4683, 24.3034

Sweetspot

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



17.0312, 17.4691, 13.5408



34.2067, 35.7942, 35.7424



15.9214, 14.0897, 16.7469



7.9817, 8.3489, 8.2896



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.0312, 17.4691, 13.5408



28.8005, 29.2878, 20.6658



18.4939, 20.7491, 14.0968



4.5127, 4.7142, 4.5922



11.1269, 9.1503, 1.1797



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.2960, 15.1968, 22.6020



23.1221, 24.5714, 39.4804



13.0733, 12.4989, 22.1457



4.2516, 4.4971, 5.4572



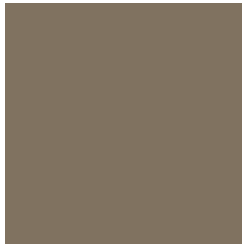
5.2665, 4.3516, 20.8123



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.0307, 17.4683, 13.5404 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 17.0307, 17.4683, 13.5404 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

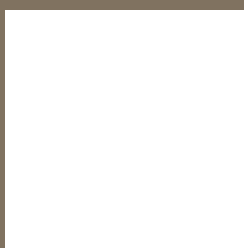
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0307, 17.4683, 13.5404

Background



This preview shows how black text looks on a background with the XYZ color 17.0307, 17.4683, 13.5404.



This preview shows how white text looks on a background with the XYZ color 17.0307, 17.4683,

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

17.0307, 17.4683, 13.5404

Protanopia

16.5714, 17.5648, 13.8262

Deuteranopia

17.7370, 17.5012, 13.5096



Tritanopia

18.3743, 17.5261, 19.8672

Trichromacy



Original Color

17.0307, 17.4683, 13.5404

Protanomaly

16.7458, 17.4845, 13.8015

Deuteranomaly

17.5322, 17.5603, 13.5318

Tritanomaly

17.8693, 17.4819, 17.4714

Monochromacy



Original Color

17.0307, 17.4683, 13.5404

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6368, 17.3587, 16.9417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0307, 17.4683, 13.5404 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(128, 114, 96)` looks like.

```
.text, #text, p{  
    color:rgb(128, 114, 96)  
}
```

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(128, 114, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 114, 96) }
```

Border

The CSS property to change the border of an element to XYZ 17.0307, 17.4683, 13.5404 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(128, 114, 96) }
```


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

```
.border{ border-color:rgb(128, 114, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 114, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 114, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 114, 96);  
box-shadow:4px 4px 4px 4px rgb(128, 114,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0307, 17.4683, 13.5404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 114, 96) }
```

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

```
.background{ background-color: rgb(128,  
114, 96) }
```

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