

Converting Colors

XYZ(16.8184, 17.1827, 13.4062)

Have a look what the booklet for
XYZ(16.8184, 17.1827, 13.4062)
contains.

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Color

**XYZ(16.9185, 17.2440,
13.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	807160
RGB	128, 113, 96
RGB Percent	50%, 44%, 38%
CMY	0.4980, 0.5568, 0.6235
CMYK	0.00, 0.12, 0.25, 0.50
HSL	32°, 14%, 44%
HSV	32°, 25%, 50%
XYZ	16.9185, 17.2440, 13.5030
YIQ	115.5470, 14.3970, -2.1070

Conversions

Conversions Part 2

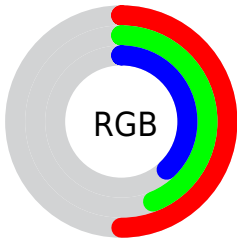
Format	Color
RYB	124, 128, 96
Decimal	8417632
CIELab	48.57, 2.96, 11.58
CIELCh	49, 11.957, 75.665
Yxy	17.2440, 0.3549, 0.3618
Android (android.graphics.Color)	4286607712 (0xFF807160)
YUV	115.5470, -9.6367, 10.9213
Hunter-Lab	41.5259, 0.0542, 9.7888

Details

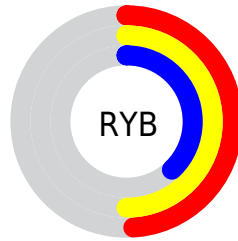
The XYZ color **16.9185, 17.2440, 13.5030** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4043, 15.4136, 22.6380**, and the grayscale version is **16.4878, 17.3464, 18.8902**.

A 20% lighter version of the original color is **37.7776, 38.8406, 33.1097**, and **5.6079, 5.6306, 3.8089** is the 20% darker color. If you saturate the color by 10%, you get **15.7294, 15.7332, 10.4321**, and if you desaturate by 10%, it is **18.2488, 18.8832, 17.0948**.

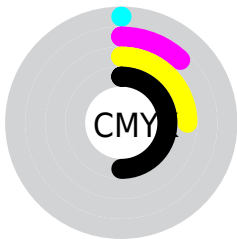
Distribution



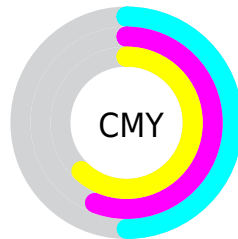
- Red (50%)
- Green (44%)
- Blue (38%)



- Red (49%)
- Yellow (50%)
- Blue (38%)



- Cyan (0%)
- Magenta (12%)
- Yellow (25%)
- Black (50%)



- Cyan (50%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9185, 17.2440, 13.5030 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 16.9185, 17.2440, 13.5030 by changing the saturation by 10% instead.

■ 16.9185, 17.2440,
13.5030

■ 16.9185, 17.2440,
13.5030

227.8677,
236.5746, 225.4365

■ 10.2713, 10.4086,
7.6410

■ 37.7303, 38.7448,
32.9089

■ 5.6429, 5.6707,
3.7817

■ 52.6257, 54.1790,
47.2899

■ 2.6678, 2.6459,
1.5063

■ 71.0012, 73.2483,
65.3476

■ 0.9806, 0.9498,
0.2226

■ 93.2221, 96.3371,
87.5006

■ 0.0000, 0.0000,
0.0000

119.6539,
123.8297, 114.1675

150.6618,

156.1105, 145.7668

186.6113,
193.5640, 182.7169

■ 16.9185, 17.2440,
13.5030

■ 16.9185, 17.2440,
13.5030

■ 15.7294, 15.7332,
10.4321

■ 18.2488, 18.8832,
17.0948

■ 14.6745, 14.3450,
7.8563

■ 19.7240, 20.6519,
21.2296

■ 13.7486, 13.0764,
5.7493

■ 21.3494, 22.5541,
25.9292

■ 12.9450, 11.9233,
4.0817

■ 23.1297, 24.5929,
31.2143

■ 12.2568, 10.8815,
2.8209

■ 25.0693, 26.7713,
37.1041

■ 11.6760, 9.9463,
1.9295

■ 27.1724, 29.0921,
43.6173

■ 11.1912, 9.1113,
1.3526

■ 29.4430, 31.5582,
50.7716

■ 10.9700, 8.7250,
1.1059

■ 31.8851, 34.1722,
58.5841

■ 34.5023, 36.9368,
67.0710

Harmonies

Analogous

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



17.9110, 17.2440, 14.7724



16.9185, 17.2440, 13.5030



15.8261, 17.2440, 13.5322

Triad

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



16.9185, 17.2440, 13.5030



14.4389, 17.2440, 20.4572



17.9478, 17.2440, 23.3291

Complementary

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



16.9185, 17.2440, 13.5030



14.4043, 15.4136, 22.6380

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.



16.9670, 17.2440, 25.2242



16.9185, 17.2440, 13.5030



14.9575, 17.2440, 23.4441

Square

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



16.9185, 17.2440, 13.5030



14.4272, 17.2440, 17.3174



15.8724, 17.2440, 25.2685



18.5230, 17.2440, 20.3138

Rectangle

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



16.9185, 17.2440, 13.5030



15.1888, 17.2440, 14.2770



15.8724, 17.2440, 25.2685



17.6527, 17.2440, 24.1324

Sweetspot

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



16.9190, 17.2448, 13.5034



34.1436, 35.6681, 35.7214



15.9800, 14.1131, 17.0560



7.9660, 8.3176, 8.2844



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.



16.9190, 17.2448, 13.5034



28.5669, 28.8207, 20.5879



18.6526, 20.8308, 14.1042



4.5021, 4.6930, 4.5887



10.8789, 8.6543, 1.0971



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.4043, 15.4136, 22.6380



23.3461, 25.0192, 39.5550



12.9595, 12.4403, 22.1402



4.2620, 4.5181, 5.4607



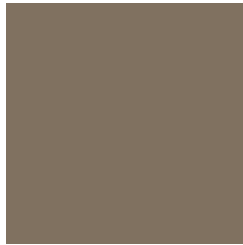
5.4664, 4.7512, 20.8789



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.9185, 17.2440, 13.5030 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 16.9185, 17.2440, 13.5030 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

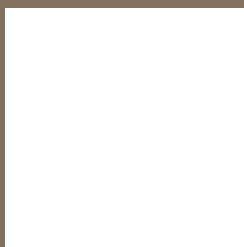
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9185, 17.2440, 13.5030

Background



This preview shows how black text looks on a background with the XYZ color 16.9185, 17.2440, 13.5030.



This preview shows how white text looks on a background with the XYZ color 16.9185, 17.2440,

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

16.9185, 17.2440, 13.5030

Protanopia

16.3144, 17.2621, 13.7813

Deuteranopia

17.4686, 17.2000, 13.4656



Tritanopia

18.2060, 17.2852, 19.5163

Trichromacy



Original Color

16.9185, 17.2440, 13.5030

Protanomaly

16.4872, 17.1828, 13.7569

Deuteranomaly

17.2656, 17.2582, 13.4875

Tritanomaly

17.7048, 17.2405, 17.1465

Monochromacy



Original Color

16.9185, 17.2440, 13.5030

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 16.9185, 17.2440, 13.5030 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, 113, 96)` looks like.

```
.text, #text, p{  
    color:rgb(128, 113, 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, 113, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 113, 96) }
```

Border

The CSS property to change the border of an element to XYZ 16.9185, 17.2440, 13.5030 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, 113, 96) }
```


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

```
.border{ border-color:rgb(128, 113, 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, 113, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 113, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 113, 96);  
box-shadow:4px 4px 4px 4px rgb(128, 113,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9185, 17.2440, 13.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 113, 96) }
```

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

```
.background{ background-color: rgb(128,  
113, 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](#).

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