

Converting Colors

XYZ(14.8407, 16.9375, 13.4548)

Have a look what the booklet for
XYZ(14.8407, 16.9375, 13.4548)
contains.

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Color

**XYZ(14.7793, 16.8183,
13.5336)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7560
RGB	109, 117, 96
RGB Percent	43%, 46%, 38%
CMY	0.5725, 0.5412, 0.6235
CMYK	0.07, 0.00, 0.18, 0.54
HSL	83°, 10%, 42%
HSV	83°, 18%, 46%
XYZ	14.7793, 16.8183, 13.5336
YIQ	112.2140, 1.9730, -8.2270

Conversions

Conversions Part 2

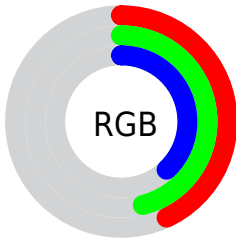
Format	Color
R _Y B	96, 117, 104
Decimal	7173472
CIE Lab	48.03, -7.12, 10.59
CIE LCh	48, 12.759, 123.936
Yxy	16.8183, 0.3275, 0.3727
Android (android.graphics.Color)	4285363552 (0xFF6D7560)
YUV	112.2140, -7.9935, -2.8187
Hunter-Lab	41.0101, -7.4396, 9.1410

Details

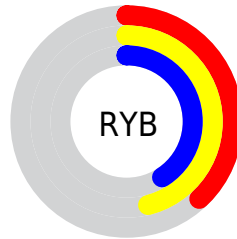
The XYZ color **14.7793, 16.8183, 13.5336** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.1033, 12.5935, 18.5707**, and the grayscale version is **15.4867, 16.2932, 17.7433**.

A 20% lighter version of the original color is **34.1524, 38.0596, 33.1500**, and **4.6283, 5.4786, 3.8312** is the 20% darker color. If you saturate the color by 10%, you get **13.7458, 16.3437, 10.8795**, and if you desaturate by 10%, it is **15.9217, 17.3408, 16.6121**.

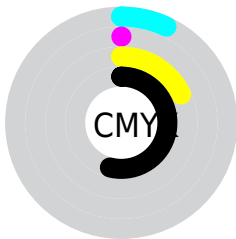
Distribution



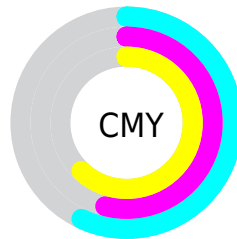
- Red (43%)
- Green (46%)
- Blue (38%)



- Red (38%)
- Yellow (46%)
- Blue (41%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (54%)



- Cyan (57%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7793, 16.8183, 13.5336 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 14.7793, 16.8183, 13.5336 by changing the saturation by 10% instead.

■ 14.7793, 16.8183,
13.5336

■ 14.7793, 16.8183,
13.5336

215.4414,
234.1231, 225.6363

■ 8.7499, 10.1050,
7.6620

■ 34.0404, 38.0131,
32.9643

■ 4.6342, 5.4687,
3.7948

■ 48.0028, 53.2634,
47.3604

■ 2.0668, 2.5248,
1.5134

■ 65.3403, 72.1282,
65.4351

■ 0.6711, 0.8890,
0.2279

■ 86.4183, 94.9919,
87.6070

■ 0.0000, 0.0000,
0.0000

111.6020,
122.2388, 114.2945

141.2569,

154.2534, 145.9162

175.7482,
191.4200, 182.8906

■ 14.7793, 16.8183,
13.5336

■ 14.7793, 16.8183,
13.5336

■ 13.7458, 16.3437,
10.8795

■ 15.9217, 17.3408,
16.6121

■ 12.8159, 15.9132,
8.6301

■ 17.1755, 17.9105,
20.1313

■ 11.9859, 15.5257,
6.7658

■ 18.5444, 18.5297,
24.1081

■ 11.2513, 15.1794,
5.2648

■ 20.0320, 19.1996,
28.5581

■ 10.6070, 14.8723,
4.1033

■ 21.6414, 19.9216,
33.4963

■ 10.0476, 14.6021,
3.2545

■ 23.3757, 20.6970,
38.9368

■ 9.5667, 14.3663,
2.6877

■ 25.2378, 21.5271,
44.8933

■ 9.1480, 14.1582,
2.3195

■ 27.2305, 22.4129,
51.3790

■ 9.0658, 14.1173,
2.2471

■ 29.3567, 23.3556,
58.4065

Harmonies

Analogous

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



15.8336, 16.8183, 12.6804



14.7793, 16.8183, 13.5336



14.0754, 16.8183, 15.6619

Triad

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



14.7793, 16.8183, 13.5336



15.0309, 16.8183, 24.6284



18.3006, 16.8183, 17.8798

Complementary

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



14.7793, 16.8183, 13.5336



13.1033, 12.5935, 18.5707

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.



18.0606, 16.8183, 21.2459



14.7793, 16.8183, 13.5336



16.1380, 16.8183, 25.4048

Square

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



14.7793, 16.8183, 13.5336



14.2156, 16.8183, 22.0904



17.2552, 16.8183, 24.1011



17.8960, 16.8183, 14.9915

Rectangle

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



14.7793, 16.8183, 13.5336



13.8805, 16.8183, 17.6498



17.2552, 16.8183, 24.1011



18.2927, 16.8183, 18.9912

Sweetspot

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



14.7797, 16.8190, 13.5340



29.1225, 31.3297, 31.4421



14.3682, 14.4673, 13.1017



6.6680, 7.1906, 7.1520



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.7797, 16.8190, 13.5340



25.5862, 29.7132, 21.9467



13.5969, 16.2092, 13.4786



3.8379, 4.1999, 3.9507



9.9705, 15.5444, 2.4749



47.6118, 75.2465, 12.0146

Inverse Universe

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



13.1033, 12.5935, 18.5707



21.9287, 20.4935, 32.9369



14.3598, 13.2413, 18.6295



3.6203, 3.6516, 4.6042



4.6933, 2.0108, 18.6833



21.9813, 9.3403, 91.0046

Previews

White Background



This preview shows how the XYZ color 14.7793, 16.8183, 13.5336 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 14.7793, 16.8183, 13.5336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

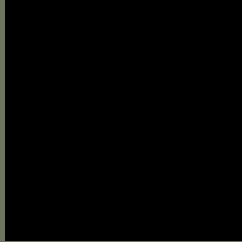
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

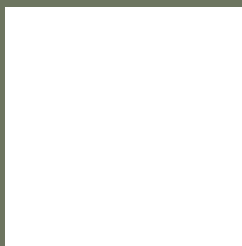
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7793, 16.8183, 13.5336

Background



This preview shows how black text looks on a background with the XYZ color 14.7793, 16.8183, 13.5336.



This preview shows how white text looks on a background with the XYZ color 14.7793, 16.8183,

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

14.7793, 16.8183, 13.5336

Protanopia

15.7834, 16.8358, 13.0074

Deuteranopia

17.1406, 16.8590, 13.9060



Tritanopia

16.2280, 16.7261, 20.7855

Trichromacy



Original Color

14.7793, 16.8183, 13.5336

Protanomaly

15.3988, 16.8007, 13.2577

Deuteranomaly

16.2312, 16.8843, 13.7128

Tritanomaly

15.6800, 16.6716, 18.0143

Monochromacy



Original Color

14.7793, 16.8183, 13.5336

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1744, 16.4547, 16.0120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7793, 16.8183, 13.5336 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(109, 117, 96)` looks like.

```
.text, #text, p{  
    color:rgb(109, 117, 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(109, 117, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 117, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.7793, 16.8183, 13.5336 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(109, 117, 96) }
```


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

```
.border{ border-color:rgb(109, 117, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 117, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 117, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 117, 96);  
box-shadow:4px 4px 4px 4px rgb(109, 117,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7793, 16.8183, 13.5336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 117, 96) }
```

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

```
.background{ background-color: rgb(109,  
117, 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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