

Converting Colors

XYZ(16.3711, 17.7328, 10.6361)

Have a look what the booklet for
XYZ(16.3711, 17.7328, 10.6361)
contains.

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Color

**XYZ(16.3417, 17.6917,
10.5362)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7552
RGB	125, 117, 82
RGB Percent	49%, 46%, 32%
CMY	0.5098, 0.5412, 0.6784
CMYK	0.00, 0.06, 0.34, 0.51
HSL	49°, 21%, 41%
HSV	49°, 34%, 49%
XYZ	16.3417, 17.6917, 10.5362
YIQ	115.4020, 16.0030, -9.1890

Conversions

Conversions Part 2

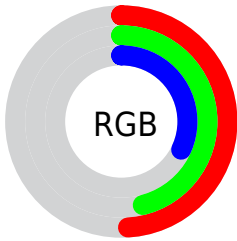
Format	Color
RYB	92, 125, 82
Decimal	8222034
CIELab	49.12, -2.66, 20.46
CIELCh	49, 20.628, 97.412
Yxy	17.6917, 0.3667, 0.3969
Android (android.graphics.Color)	4286412114 (0xFF7D7552)
YUV	115.4020, -16.4672, 8.4174
Hunter-Lab	42.0615, -4.2570, 14.5912

Details

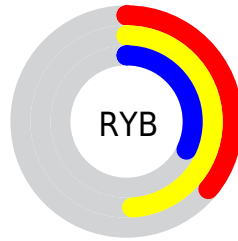
The XYZ color **16.3417, 17.6917, 10.5362** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.8375, 10.5866, 20.8743**, and the grayscale version is **16.4633, 17.3207, 18.8622**.

A 20% lighter version of the original color is **36.7129, 39.5069, 27.5204**, and **5.3637, 5.8857, 2.6036** is the 20% darker color. If you saturate the color by 10%, you get **15.6414, 16.9841, 8.1660**, and if you desaturate by 10%, it is **17.1363, 18.4490, 13.3658**.

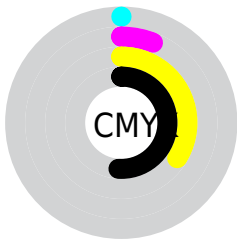
Distribution



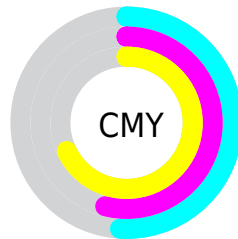
- Red (49%)
- Green (46%)
- Blue (32%)



- Red (36%)
- Yellow (49%)
- Blue (32%)



- Cyan (0%)
- Magenta (6%)
- Yellow (34%)
- Black (51%)



- Cyan (51%)
- Magenta (54%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3417, 17.6917, 10.5362 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 16.3417, 17.6917, 10.5362 by changing the saturation by 10% instead.

■ 16.3417, 17.6917,
10.5362

■ 16.3417, 17.6917,
10.5362

224.5806,
239.1275, 205.0792

■ 9.8586, 10.7289,
5.6457

■ 36.7431, 39.5113,
27.4227

■ 5.3669, 5.8848,
2.5656

■ 51.3921, 55.1368,
40.2557

■ 2.5010, 2.7752,
0.8746

■ 69.4939, 74.4187,
56.5734

■ 0.8958, 1.0155,
0.0000

■ 91.4137, 97.7414,
76.7941

■ 0.0000, 0.0000,
0.0000

■ 117.5169,
125.4892, 101.3366

148.1689,

158.0466, 130.6192

183.7350,
195.7979, 165.0606

■ 16.3417, 17.6917,
10.5362

■ 16.3417, 17.6917,
10.5362

■ 15.6414, 16.9841,
8.1660

■ 17.1363, 18.4490,
13.3658

■ 15.0293, 16.3219,
6.2294

■ 18.0283, 19.2555,
16.6767

■ 14.5006, 15.7037,
4.6994

■ 19.0222, 20.1136,
20.4908

■ 14.0496, 15.1271,
3.5459

■ 20.1219, 21.0250,
24.8280

■ 13.6696, 14.5894,
2.7343

■ 21.3311, 21.9913,
29.7074

■ 13.3515, 14.0867,
2.2164

■ 22.6532, 23.0139,
35.1470

■ 13.1845, 13.8142,
1.9715

■ 24.0915, 24.0942,
41.1642

■ 25.6492, 25.2336,
47.7754

■ 27.3293, 26.4333,
54.9963

Harmonies

Analogous

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



18.2800, 17.6917, 11.0291



16.3417, 17.6917, 10.5362



14.6621, 17.6917, 12.0007

Triad

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



16.3417, 17.6917, 10.5362



14.0393, 17.6917, 26.4606



20.4759, 17.6917, 23.6361

Complementary

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



16.3417, 17.6917, 10.5362



10.8375, 10.5866, 20.8743

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.



19.1698, 17.6917, 28.9872



16.3417, 17.6917, 10.5362



15.4312, 17.6917, 30.8233

Square

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



16.3417, 17.6917, 10.5362



13.4005, 17.6917, 20.6656



17.2982, 17.6917, 31.8268



20.7662, 17.6917, 17.9258

Rectangle

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



16.3417, 17.6917, 10.5362



13.8812, 17.6917, 14.0919



17.2982, 17.6917, 31.8268



20.1365, 17.6917, 25.5664

Sweetspot

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



16.3421, 17.6925, 10.5366



33.0017, 35.1093, 32.5918



13.3460, 11.1432, 11.2550



7.4609, 7.9463, 7.2387



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.3421, 17.6925, 10.5366



28.2972, 30.7122, 15.5726



15.5515, 18.7278, 10.7781



4.5995, 4.8877, 4.6211



13.7560, 14.4084, 2.0561



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.8375, 10.5866, 20.8743



16.9231, 16.0342, 36.9473



11.4281, 9.9430, 20.7189



4.1686, 4.3312, 5.4296



4.1842, 2.1868, 20.4515



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.3417, 17.6917, 10.5362 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 16.3417, 17.6917, 10.5362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

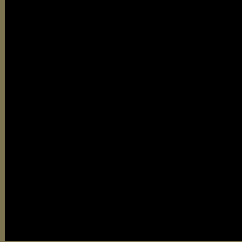
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.3417, 17.6917, 10.5362

Background



This preview shows how black text looks on a background with the XYZ color 16.3417, 17.6917, 10.5362.



This preview shows how white text looks on a background with the XYZ color 16.3417, 17.6917,

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

16.3417, 17.6917, 10.5362

Protanopia

16.4885, 17.7674, 10.5431

Deuteranopia

18.0030, 17.7018, 10.6516



Tritanopia

18.2986, 17.6359, 20.5288

Trichromacy



Original Color

16.3417, 17.6917, 10.5362

Protanomaly

16.4885, 17.7674, 10.5431

Deuteranomaly

17.4102, 17.7275, 10.6877

Tritanomaly

17.5732, 17.6854, 16.3973

Monochromacy



Original Color

16.3417, 17.6917, 10.5362

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.3013, 17.3920, 15.3298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3417, 17.6917, 10.5362 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(125, 117, 82)` looks like.

```
.text, #text, p{  
    color:rgb(125, 117, 82)  
}
```

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(125, 117, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 117, 82) }
```

Border

The CSS property to change the border of an element to XYZ 16.3417, 17.6917, 10.5362 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(125, 117, 82) }
```


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

```
.border{ border-color:rgb(125, 117, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 117, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 117, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 117, 82);  
box-shadow:4px 4px 4px 4px rgb(125, 117,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3417, 17.6917, 10.5362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 117, 82) }
```

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

```
.background{ background-color: rgb(125,  
117, 82) }
```

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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