

Converting Colors

XYZ(17.1787, 17.7745, 10.5146)

Have a look what the booklet for
XYZ(17.1787, 17.7745, 10.5146)
contains.

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Color

**XYZ(17.1694, 17.7762,
10.5089)**

Conversions

Conversions Part 1

Format	Color
Hex	847352
RGB	132, 115, 82
RGB Percent	52%, 45%, 32%
CMY	0.4824, 0.5490, 0.6784
CMYK	0.00, 0.13, 0.38, 0.48
HSL	40°, 23%, 42%
HSV	40°, 38%, 52%
XYZ	17.1694, 17.7762, 10.5089
YIQ	116.3210, 20.7250, -6.6590

Conversions

Conversions Part 2

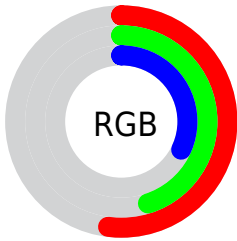
Format	Color
R_{YB}	108, 132, 82
Decimal	8680274
CIE _{Lab}	49.22, 1.51, 20.71
CIE _{LCh}	49, 20.769, 85.831
Yxy	17.7762, 0.3777, 0.3911
Android (android.graphics.Color)	4286870354 (0xFF847352)
YUV	116.3210, -16.9203, 13.7505
Hunter-Lab	42.1618, -1.0933, 14.7352

Details

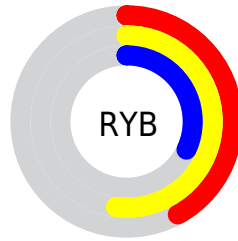
The XYZ color **17.1694, 17.7762, 10.5089** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.1062, 12.3830, 23.5817**, and the grayscale version is **16.7453, 17.6173, 19.1853**.

A 20% lighter version of the original color is **38.2333, 39.7425, 27.4858**, and **5.7344, 5.8972, 2.5863** is the 20% darker color. If you saturate the color by 10%, you get **16.2155, 16.5964, 7.9467**, and if you desaturate by 10%, it is **18.2458, 19.0462, 13.5891**.

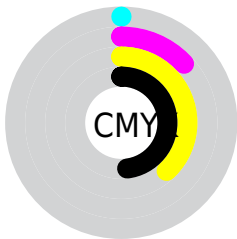
Distribution



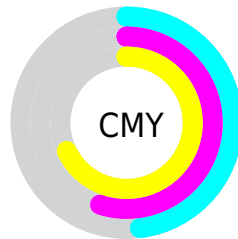
- Red (52%)
- Green (45%)
- Blue (32%)



- Red (42%)
- Yellow (52%)
- Blue (32%)



- Cyan (0%)
- Magenta (13%)
- Yellow (38%)
- Black (48%)



- Cyan (48%)
- Magenta (55%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1694, 17.7762, 10.5089 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 17.1694, 17.7762, 10.5089 by changing the saturation by 10% instead.

■ 17.1694, 17.7762,
10.5089

■ 17.1694, 17.7762,
10.5089

229.2840,
239.6066, 204.8816

■ 10.4514, 10.7894,
5.6277

■ 38.1581, 39.6556,
27.3710

■ 5.7638, 5.9254,
2.5549

■ 53.1595, 55.3170,
40.1890

■ 2.7413, 2.7998,
0.8691

■ 71.6527, 74.6388,
56.4896

■ 1.0185, 1.0281,
0.0000

■ 94.0032, 98.0053,
76.6915

■ 0.0000, 0.0000,
0.0000

■ 120.5761,
125.8009, 101.2130

151.7370,

158.4101, 130.4729

187.8512,
196.2172, 164.8896

■ 17.1694, 17.7762,
10.5089

■ 17.1694, 17.7762,
10.5089

■ 16.2155, 16.5964,
7.9467

■ 18.2458, 19.0462,
13.5891

■ 15.3768, 15.5013,
5.8721

■ 19.4487, 20.4065,
17.2134

■ 14.6473, 14.4886,
4.2529

■ 20.7838, 21.8607,
21.4072

■ 14.0197, 13.5548,
3.0529

■ 22.2558, 23.4111,
26.1941

■ 13.4858, 12.6961,
2.2301

■ 23.8692, 25.0600,
31.5965

■ 13.0274, 11.9044,
1.6916

■ 25.6284, 26.8098,
37.6353

■ 12.9343, 11.7428,
1.5849

■ 27.5375, 28.6625,
44.3307

■ 29.6003, 30.6202,
51.7019

■ 31.8208, 32.6850,
59.7673

Harmonies

Analogous

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



19.0872, 17.7762, 11.7692



17.1694, 17.7762, 10.5089



15.3162, 17.7762, 11.2186

Triad

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



17.1694, 17.7762, 10.5089



13.7446, 17.7762, 24.4140



20.1871, 17.7762, 26.0244

Complementary

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



17.1694, 17.7762, 10.5089



12.1062, 12.3830, 23.5817

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.



18.5804, 17.7762, 30.7010



17.1694, 17.7762, 10.5089



14.8788, 17.7762, 29.6529

Square

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



17.1694, 17.7762, 10.5089



13.4296, 17.7762, 18.5861



16.6250, 17.7762, 32.1417



20.9122, 17.7762, 20.1453

Rectangle

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



17.1694, 17.7762, 10.5089



14.3497, 17.7762, 12.8035



16.6250, 17.7762, 32.1417



19.7264, 17.7762, 27.8301

Sweetspot

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



17.1698, 17.7770, 10.5093



35.7923, 37.6264, 35.1062



14.8092, 11.8507, 13.4372



8.2705, 8.6922, 7.9757



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.1698, 17.7770, 10.5093



28.8628, 29.6126, 14.7766



18.1589, 21.4341, 11.1630



4.9100, 5.1635, 4.9672



12.5288, 11.3802, 1.5363



0.0502, 0.0530, 0.0076

Inverse Universe

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



12.1062, 12.3830, 23.5817



18.6779, 18.7700, 41.0917



11.3503, 9.8494, 23.1326



4.5543, 4.7843, 5.8842



4.9411, 3.4299, 21.5383



0.0234, 0.0244, 0.0767

Previews

White Background



This preview shows how the XYZ color 17.1694, 17.7762, 10.5089 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 17.1694, 17.7762, 10.5089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

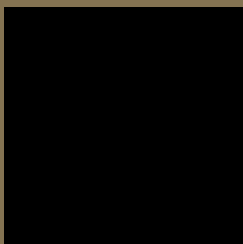
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1694, 17.7762, 10.5089

Background



This preview shows how black text looks on a background with the XYZ color 17.1694, 17.7762, 10.5089.



This preview shows how white text looks on a background with the XYZ color 17.1694, 17.7762,

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

17.1694, 17.7762, 10.5089

Protanopia

16.5268, 17.7827, 10.7450

Deuteranopia

18.0030, 17.7018, 10.6516



Tritanopia

19.0590, 17.7180, 19.8682

Trichromacy



Original Color

17.1694, 17.7762, 10.5089

Protanomaly

16.7088, 17.7045, 10.7203

Deuteranomaly

17.6198, 17.6690, 10.6654

Tritanomaly

18.3874, 17.7798, 16.0984

Monochromacy



Original Color

17.1694, 17.7762, 10.5089

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.7701, 17.6278, 15.6153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1694, 17.7762, 10.5089 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(132, 115, 82)` looks like.

```
.text, #text, p{  
    color:rgb(132, 115, 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(132, 115, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 115, 82) }
```

Border

The CSS property to change the border of an element to XYZ 17.1694, 17.7762, 10.5089 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(132, 115, 82) }
```


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

```
.border{ border-color:rgb(132, 115, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 115, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 115, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 115, 82);  
box-shadow:4px 4px 4px 4px rgb(132, 115,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1694, 17.7762, 10.5089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 115, 82) }
```

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

```
.background{ background-color: rgb(132,  
115, 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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