

Converting Colors

XYZ(16.5502, 17.4480, 8.9653)

Have a look what the booklet for
XYZ(16.5502, 17.4480, 8.9653)
contains.

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Color

**XYZ(16.5727, 17.5017,
8.9833)**

Conversions

Conversions Part 1

Format	Color
Hex	82734A
RGB	130, 115, 74
RGB Percent	51%, 45%, 29%
CMY	0.4902, 0.5490, 0.7098
CMYK	0.00, 0.12, 0.43, 0.49
HSL	44°, 27%, 40%
HSV	44°, 43%, 51%
XYZ	16.5727, 17.5017, 8.9833
YIQ	114.8110, 22.1010, -9.5710

Conversions

Conversions Part 2

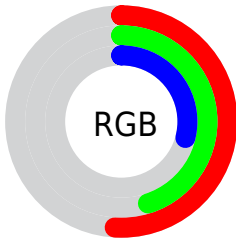
Format	Color
RYB	94, 130, 74
Decimal	8549194
CIELab	48.89, -0.35, 24.81
CIELCh	49, 24.808, 90.805
Yxy	17.5017, 0.3849, 0.4065
Android (android.graphics.Color)	4286739274 (0xFF82734A)
YUV	114.8110, -20.1198, 13.3208
Hunter-Lab	41.8350, -2.4996, 16.5531

Details

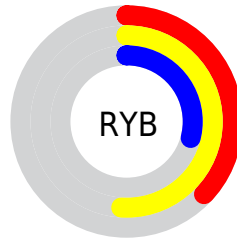
The XYZ color **16.5727, 17.5017, 8.9833** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.4256, 10.2121, 22.5407**, and the grayscale version is **16.2931, 17.1416, 18.6672**.

A 20% lighter version of the original color is **37.1610, 39.2578, 24.3578**, and **5.4534, 5.7653, 1.9878** is the 20% darker color. If you saturate the color by 10%, you get **15.7898, 16.5659, 6.7804**, and if you desaturate by 10%, it is **17.4620, 18.5053, 11.6687**.

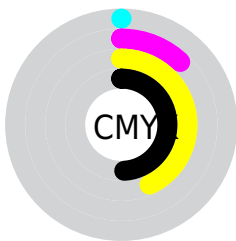
Distribution



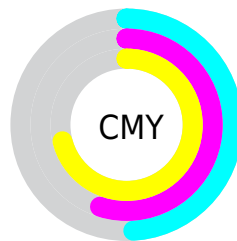
- Red (51%)
- Green (45%)
- Blue (29%)



- Red (37%)
- Yellow (51%)
- Blue (29%)



- Cyan (0%)
- Magenta (12%)
- Yellow (43%)
- Black (49%)



- Cyan (49%)
- Magenta (55%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5727, 17.5017, 8.9833 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 16.5727, 17.5017, 8.9833 by changing the saturation by 10% instead.

■ 16.5727, 17.5017,
8.9833

■ 16.5727, 17.5017,
8.9833

225.9024,
238.0472, 193.4667

■ 10.0237, 10.5928,
4.6336

■ 37.1391, 39.1864,
24.4420

■ 5.4771, 5.7938,
1.9790

■ 51.8872, 54.7310,
36.3880

■ 2.5674, 2.7201,
0.5423

■ 70.0991, 73.9230,
51.7033

■ 0.9294, 0.9874,
0.0000

■ 92.1401, 97.1467,
70.8063

■ 0.0000, 0.0000,
0.0000

■ 118.3756,
124.7866, 94.1156

149.1709,

157.2270, 122.0498

184.8913,
194.8524, 155.0273

■ 16.5727, 17.5017,
8.9833

■ 16.5727, 17.5017,
8.9833

■ 15.7898, 16.5659,
6.7804

■ 17.4620, 18.5053,
11.6687

■ 15.1063, 15.6929,
5.0293

■ 18.4616, 19.5768,
14.8626

■ 14.5161, 14.8808,
3.6974

■ 19.5771, 20.7190,
18.5906

■ 14.0120, 14.1262,
2.7473

■ 20.8129, 21.9341,
22.8759

■ 13.5852, 13.4255,
2.1339

■ 22.1733, 23.2241,
27.7407

■ 13.3149, 12.9637,
1.8005

■ 23.6625, 24.5908,
33.2058

■ 25.2844, 26.0361,
39.2909

■ 27.0427, 27.5617,
46.0149

■ 28.9409, 29.1691,
53.3960

Harmonies

Analogous

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



18.8888, 17.5017, 9.9937



16.5727, 17.5017, 8.9833



14.4693, 17.5017, 10.1100

Triad

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



16.5727, 17.5017, 8.9833



13.1152, 17.5017, 26.3139



20.8060, 17.5017, 25.9330

Complementary

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



16.5727, 17.5017, 8.9833



10.4256, 10.2121, 22.5407

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.



19.0063, 17.5017, 32.1505



16.5727, 17.5017, 8.9833



14.5678, 17.5017, 32.4037

Square

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



16.5727, 17.5017, 8.9833



12.5897, 17.5017, 19.2351



16.6971, 17.5017, 34.7507



21.4651, 17.5017, 18.8787

Rectangle

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



16.5727, 17.5017, 8.9833



13.4347, 17.5017, 12.1152



16.6971, 17.5017, 34.7507



20.3066, 17.5017, 28.2430

Sweetspot

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



16.5731, 17.5025, 8.9837



34.4316, 36.4425, 32.5855



13.4946, 10.3795, 10.9356



7.7056, 8.1600, 7.0774



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.



16.5731, 17.5025, 8.9837



27.7940, 29.1576, 11.9053



16.6719, 20.3020, 9.5188



4.5710, 4.8307, 4.6116



12.7726, 12.4417, 1.7283



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.4256, 10.2121, 22.5407



15.4433, 14.5233, 39.1818



10.3283, 8.4943, 22.2143



4.1953, 4.3846, 5.4385



4.4396, 2.6977, 20.5367



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.5727, 17.5017, 8.9833 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 16.5727, 17.5017, 8.9833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

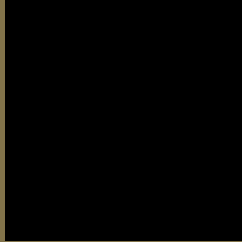
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.5727, 17.5017, 8.9833

Background



This preview shows how black text looks on a background with the XYZ color 16.5727, 17.5017, 8.9833.

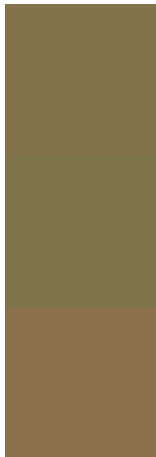


This preview shows how white text looks on a background with the XYZ color 16.5727, 17.5017,

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

16.5727, 17.5017, 8.9833

Protanopia

16.0856, 17.4208, 8.9933

Deuteranopia

17.7697, 17.4523, 9.0887



Tritanopia

18.8376, 17.6108, 19.5459

Trichromacy



Original Color

16.5727, 17.5017, 8.9833

Protanomaly

16.2338, 17.4972, 9.0003

Deuteranomaly

17.2175, 17.3306, 9.0943

Tritanomaly

17.8653, 17.5342, 15.0132

Monochromacy



Original Color

16.5727, 17.5017, 8.9833

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.1767, 17.1746, 14.5190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5727, 17.5017, 8.9833 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(130, 115, 74)` looks like.

```
.text, #text, p{  
    color:rgb(130, 115, 74)  
}
```

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(130, 115, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 115, 74) }
```

Border

The CSS property to change the border of an element to XYZ 16.5727, 17.5017, 8.9833 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(130, 115, 74) }
```


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

```
.border{ border-color:rgb(130, 115, 74) }
```

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

Here you see how a box with a 4 pixel rgb(130, 115, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 115, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 115, 74);  
box-shadow:4px 4px 4px 4px rgb(130, 115,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5727, 17.5017, 8.9833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 115, 74) }
```

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

```
.background{ background-color: rgb(130,  
115, 74) }
```

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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