

Converting Colors

XYZ(16.4395, 17.2239, 8.8945)

Have a look what the booklet for
XYZ(16.4395, 17.2239, 8.8945)
contains.

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Color

**XYZ(16.4593, 17.2749,
8.9455)**

Conversions

Conversions Part 1

Format	Color
Hex	82724A
RGB	130, 114, 74
RGB Percent	51%, 45%, 29%
CMY	0.4902, 0.5529, 0.7098
CMYK	0.00, 0.12, 0.43, 0.49
HSL	43°, 27%, 40%
HSV	43°, 43%, 51%
XYZ	16.4593, 17.2749, 8.9455
YIQ	114.2240, 22.3760, -9.0480

Conversions

Conversions Part 2

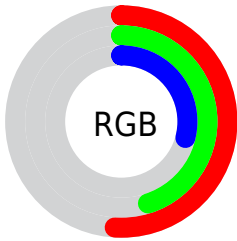
Format	Color
RYB	96, 130, 74
Decimal	8548938
CIELab	48.60, 0.23, 24.44
CIELCh	49, 24.443, 89.470
Yxy	17.2749, 0.3856, 0.4048
Android (android.graphics.Color)	4286739018 (0xFF82724A)
YUV	114.2240, -19.8304, 13.8356
Hunter-Lab	41.5631, -2.0480, 16.3333

Details

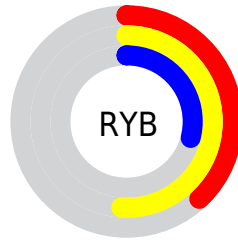
The XYZ color **16.4593, 17.2749, 8.9455** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.5094, 10.3796, 22.5687**, and the grayscale version is **16.1149, 16.9541, 18.4630**.

A 20% lighter version of the original color is **36.9785, 38.8928, 24.2970**, and **5.3944, 5.6474, 1.9681** is the 20% darker color. If you saturate the color by 10%, you get **15.6555, 16.2973, 6.7357**, and if you desaturate by 10%, it is **17.3715, 18.3243, 11.6385**.

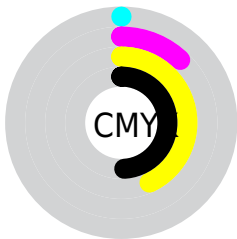
Distribution



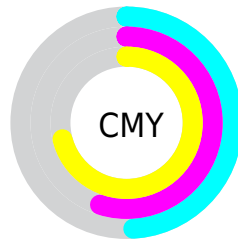
- Red (51%)
- Green (45%)
- Blue (29%)



- Red (38%)
- 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 16.4593, 17.2749, 8.9455 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 16.4593, 17.2749, 8.9455 by changing the saturation by 10% instead.

■ 16.4593, 17.2749,
8.9455

■ 16.4593, 17.2749,
8.9455

225.2544,
236.7516, 193.1739

■ 9.9426, 10.4307,
4.6093

■ 36.9448, 38.7978,
24.3683

■ 5.4229, 5.6854,
1.9652

■ 51.6444, 54.2453,
36.2919

■ 2.5348, 2.6548,
0.5338

■ 69.8023, 73.3294,
51.5818

■ 0.9128, 0.9543,
0.0000

■ 91.7839, 96.4343,
70.6565

■ 0.0000, 0.0000,
0.0000

■ 117.9545,
123.9447, 93.9345

148.6796,

156.2447, 121.8344

184.3244,
193.7189, 154.7747

■ 16.4593, 17.2749,
8.9455

■ 16.4593, 17.2749,
8.9455

■ 15.6555, 16.2973,
6.7357

■ 17.3715, 18.3243,
11.6385

■ 14.9531, 15.3865,
4.9783

■ 18.3961, 19.4456,
14.8408

■ 14.3459, 14.5404,
3.6407

■ 19.5385, 20.6419,
18.5777

■ 13.8268, 13.7558,
2.6855

■ 20.8035, 21.9153,
22.8728

■ 13.3868, 13.0287,
2.0677

■ 22.1952, 23.2679,
27.7480

■ 13.1084, 12.5508,
1.7317

■ 23.7179, 24.7016,
33.2242

■ 25.3755, 26.2182,
39.3212

■ 27.1717, 27.8196,
46.0579

■ 29.1101, 29.5075,
53.4523

Harmonies

Analogous

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



18.7151, 17.2749, 10.0324



16.4593, 17.2749, 8.9455



14.3827, 17.2749, 9.9573

Triad

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



16.4593, 17.2749, 8.9455



12.9353, 17.2749, 25.5827



20.4323, 17.2749, 25.8270

Complementary

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



16.4593, 17.2749, 8.9455



10.5094, 10.3796, 22.5687

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.



18.6396, 17.2749, 31.7809



16.4593, 17.2749, 8.9455



14.3194, 17.2749, 31.6187

Square

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



16.4593, 17.2749, 8.9455



12.4641, 17.2749, 18.6951



16.3793, 17.2749, 34.1075



21.1334, 17.2749, 18.9242

Rectangle

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



16.4593, 17.2749, 8.9455



13.3473, 17.2749, 11.8555



16.3793, 17.2749, 34.1075



19.9297, 17.2749, 28.0584

Sweetspot

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



16.4597, 17.2757, 8.9459



34.3627, 36.3046, 32.5625



13.5346, 10.3955, 11.1458



7.6878, 8.1246, 7.0715



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.



16.4597, 17.2757, 8.9459



27.5571, 28.6839, 11.8263



16.7991, 20.3675, 9.5247



4.5648, 4.8183, 4.6096



12.5749, 12.0461, 1.6624



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.5094, 10.3796, 22.5687



15.6025, 14.8417, 39.2349



10.2428, 8.4502, 22.2103



4.2012, 4.3964, 5.4404



4.5071, 2.8328, 20.5592



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.4593, 17.2749, 8.9455 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 16.4593, 17.2749, 8.9455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

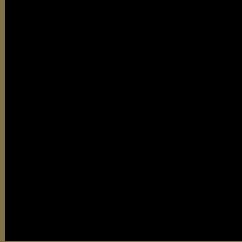
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.4593, 17.2749, 8.9455

Background



This preview shows how black text looks on a background with the XYZ color 16.4593, 17.2749, 8.9455.



This preview shows how white text looks on a background with the XYZ color 16.4593, 17.2749,

8.9455.

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

16.4593, 17.2749, 8.9455

Protanopia

16.1196, 17.4344, 9.1722

Deuteranopia

17.4934, 17.1488, 9.0447



Tritanopia

18.5110, 17.2900, 19.1913

Trichromacy



Original Color

16.4593, 17.2749, 8.9455

Protanomaly

16.1531, 17.2815, 9.1409

Deuteranomaly

17.1078, 17.1111, 9.0577

Tritanomaly

17.7063, 17.2950, 14.7170

Monochromacy



Original Color

16.4593, 17.2749, 8.9455

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.0152, 16.9285, 14.2278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4593, 17.2749, 8.9455 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, 114, 74)` looks like.

```
.text, #text, p{  
    color:rgb(130, 114, 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, 114, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 114, 74) }
```

Border

The CSS property to change the border of an element to XYZ 16.4593, 17.2749, 8.9455 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, 114, 74) }
```


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

```
.border{ border-color:rgb(130, 114, 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, 114, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 114, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 114, 74);  
box-shadow:4px 4px 4px 4px rgb(130, 114,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4593, 17.2749, 8.9455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 114, 74) }
```

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

```
.background{ background-color: rgb(130,  
114, 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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