

Converting Colors

XYZ(17.0493, 19.7439, 8.3419)

Have a look what the booklet for
XYZ(17.0493, 19.7439, 8.3419)
contains.

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Color

**XYZ(17.1084, 19.7747,
8.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7E44
RGB	126, 126, 68
RGB Percent	49%, 49%, 27%
CMY	0.5059, 0.5059, 0.7333
CMYK	0.00, 0.00, 0.46, 0.51
HSL	60°, 30%, 38%
HSV	60°, 46%, 49%
XYZ	17.1084, 19.7747, 8.3840
YIQ	119.3880, 18.6180, -18.0380

Conversions

Conversions Part 2

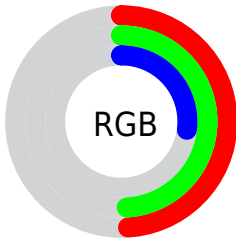
Format	Color
R_{YB}	68, 126, 68
Decimal	8289860
CIE Lab	51.58, -8.99, 31.43
CIE LCh	52, 32.693, 105.959
Yxy	19.7747, 0.3779, 0.4368
Android (android.graphics.Color)	4286479940 (0xFF7E7E44)
YUV	119.3880, -25.3343, 5.7987
Hunter-Lab	44.4688, -9.1463, 19.9498

Details

The XYZ color **17.1084, 19.7747, 8.3840** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.2176, 6.8700, 20.6328**, and the grayscale version is **17.7318, 18.6553, 20.3156**.

A 20% lighter version of the original color is **38.1534, 43.2279, 23.1625**, and **5.6909, 6.8578, 1.7332** is the 20% darker color. If you saturate the color by 10%, you get **16.7646, 19.6379, 6.5719**, and if you desaturate by 10%, it is **17.5359, 19.9464, 10.6323**.

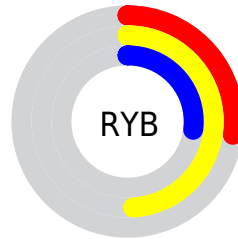
Distribution



Red (49%)

Green (49%)

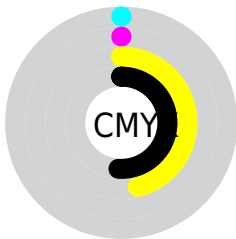
Blue (27%)



Red (27%)

Yellow (49%)

Blue (27%)

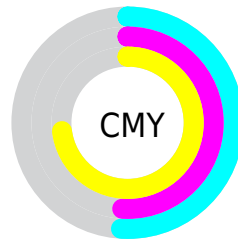


Cyan (0%)

Magenta (0%)

Yellow (46%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1084, 19.7747, 8.3840 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 17.1084, 19.7747, 8.3840 by changing the saturation by 10% instead.

■ 17.1084, 19.7747,
8.3840

■ 17.1084, 19.7747,
8.3840

228.9404,
250.6928, 188.7593

■ 10.4076, 12.2314,
4.2504

■ 38.0542, 43.0391,
23.2663

■ 5.7344, 6.9015,
1.7637

■ 53.0299, 59.5290,
34.8521

■ 2.7234, 3.4005,
0.4038

■ 71.4945, 79.7699,
49.7590

■ 1.0092, 1.3443,
0.0000

■ 93.8136, 104.1462,
68.4056

■ 0.0000, 0.1751,
0.0000

■ 120.3523,
133.0422, 91.2104

■ 0.0000, 0.0000,
0.0000

151.4761,

166.8424, 118.5919

187.5504,
205.9311, 150.9687

■ 17.1084, 19.7747,
8.3840

■ 17.1084, 19.7747,
8.3840

■ 16.7646, 19.6379,
6.5719

■ 17.5359, 19.9464,
10.6323

■ 16.4976, 19.5311,
5.1667

■ 18.0505, 20.1523,
13.3414

■ 16.3020, 19.4528,
4.1373

■ 18.6571, 20.3949,
16.5352

■ 16.1709, 19.4003,
3.4476

■ 19.3600, 20.6761,
20.2358

■ 16.0922, 19.3689,
3.0340

■ 20.1630, 20.9973,
24.4641

■ 16.0648, 19.3579,
2.8897

■ 21.0700, 21.3601,
29.2394

■ 22.0844, 21.7659,
34.5804

■ 23.2096, 22.2160,
40.5047

■ 24.4487, 22.7117,
47.0293

Harmonies

Analogous

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



20.3728, 19.7747, 8.3005



17.1084, 19.7747, 8.3840



14.6033, 19.7747, 11.2298

Triad

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



17.1084, 19.7747, 8.3840



14.7303, 19.7747, 37.3640



25.6273, 19.7747, 26.2345

Complementary

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



17.1084, 19.7747, 8.3840



8.2176, 6.8700, 20.6328

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.



23.7213, 19.7747, 36.7478



17.1084, 19.7747, 8.3840



17.3013, 19.7747, 44.3339

Square

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



17.1084, 19.7747, 8.3840



13.3438, 19.7747, 26.9088



20.5895, 19.7747, 44.0802



25.5599, 19.7747, 16.9226

Rectangle

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



17.1084, 19.7747, 8.3840



13.5880, 19.7747, 14.9596



20.5895, 19.7747, 44.0802



25.1873, 19.7747, 29.7909

Sweetspot

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



17.1089, 19.7756, 8.3844



33.0373, 35.9768, 30.1502



11.7154, 8.9877, 6.5864



7.4672, 8.1644, 6.6077



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.



17.1089, 19.7756, 8.3844



29.4939, 34.5594, 11.4962



13.4348, 17.8815, 8.2125



4.6653, 5.0194, 4.6431



16.4798, 19.8581, 2.9644



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.2176, 6.8700, 20.6328



11.8219, 8.9086, 35.8408



10.7634, 8.1824, 20.7520



4.1089, 4.2117, 5.4097



3.8636, 1.5454, 20.3446



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.1084, 19.7747, 8.3840 looks on a white background.

Color Contrast Check

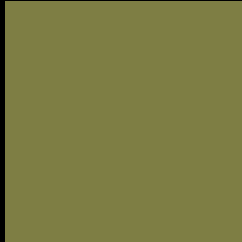
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.1084, 19.7747, 8.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

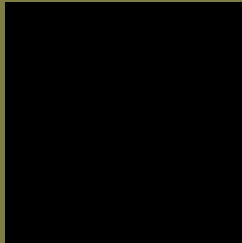
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1084, 19.7747, 8.3840

Background



This preview shows how black text looks on a background with the XYZ color 17.1084, 19.7747, 8.3840.



This preview shows how white text looks on a background with the XYZ color 17.1084, 19.7747,

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

17.1084, 19.7747, 8.3840

Protanopia

18.0878, 19.7221, 8.1636

Deuteranopia

20.0445, 19.6488, 8.5305



Tritanopia

20.1660, 19.7387, 23.1692

Trichromacy



Original Color

17.1084, 19.7747, 8.3840

Protanomaly

17.7365, 19.7261, 8.1829

Deuteranomaly

18.7752, 19.5253, 8.4094

Tritanomaly

18.7670, 19.7055, 16.4501

Monochromacy



Original Color

17.1084, 19.7747, 8.3840

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.2858, 18.9767, 14.8084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1084, 19.7747, 8.3840 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(126, 126, 68)` looks like.

```
.text, #text, p{  
    color:rgb(126, 126, 68)  
}
```

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(126, 126, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 126, 68) }
```

Border

The CSS property to change the border of an element to XYZ 17.1084, 19.7747, 8.3840 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(126, 126, 68) }
```


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

```
.border{ border-color:rgb(126, 126, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 126, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 126, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 126, 68);  
box-shadow:4px 4px 4px 4px rgb(126, 126,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1084, 19.7747, 8.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 126, 68) }
```

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

```
.background{ background-color: rgb(126,  
126, 68) }
```

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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