

Converting Colors

XYZ(17.1410, 18.2516, 8.7190)

Have a look what the booklet for
XYZ(17.1410, 18.2516, 8.7190)
contains.

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Color

**XYZ(17.1639, 18.3303,
8.7644)**

Conversions

Conversions Part 1

Format	Color
Hex	847648
RGB	132, 118, 72
RGB Percent	52%, 46%, 28%
CMY	0.4824, 0.5372, 0.7176
CMYK	0.00, 0.11, 0.45, 0.48
HSL	46°, 29%, 40%
HSV	46°, 45%, 52%
XYZ	17.1639, 18.3303, 8.7644
YIQ	116.9420, 23.1100, -11.3380

Conversions

Conversions Part 2

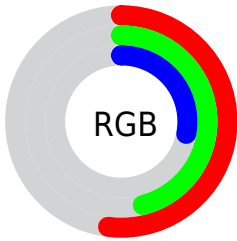
Format	Color
RYB	90, 132, 72
Decimal	8681032
CIELab	49.89, -1.41, 27.26
CIElCh	50, 27.293, 92.965
Yxy	18.3303, 0.3878, 0.4142
Android (android.graphics.Color)	4286871112 (0xFF847648)
YUV	116.9420, -22.1564, 13.2059
Hunter-Lab	42.8139, -3.3645, 17.8325

Details

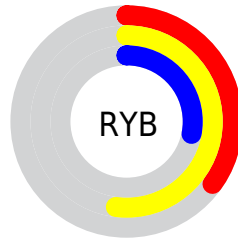
The XYZ color **17.1639, 18.3303, 8.7644** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.1651, 9.6990, 23.1662**, and the grayscale version is **16.9524, 17.8353, 19.4226**.

A 20% lighter version of the original color is **38.0756, 40.5690, 23.9130**, and **5.7813, 6.2088, 1.9306** is the 20% darker color. If you saturate the color by 10%, you get **16.4221, 17.4635, 6.6160**, and if you desaturate by 10%, it is **18.0109, 19.2595, 11.4046**.

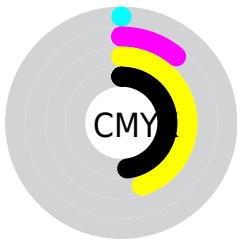
Distribution



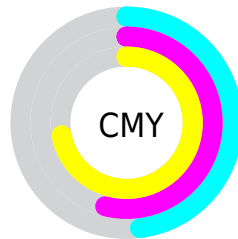
- Red (52%)
- Green (46%)
- Blue (28%)



- Red (35%)
- Yellow (52%)
- Blue (28%)



- Cyan (0%)
- Magenta (11%)
- Yellow (45%)
- Black (48%)



- Cyan (48%)
- Magenta (54%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1639, 18.3303, 8.7644 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 17.1639, 18.3303, 8.7644 by changing the saturation by 10% instead.

■ 17.1639, 18.3303,
8.7644

■ 17.1639, 18.3303,
8.7644

229.2530,
242.7262, 191.7634

■ 10.4474, 11.1874,
4.4931

■ 38.1487, 40.5993,
24.0143

■ 5.7612, 6.1930,
1.8996

■ 53.1478, 56.4943,
35.8301

■ 2.7397, 2.9628,
0.4925

■ 71.6385, 76.0753,
50.9977

■ 1.0176, 1.1123,
0.0000

■ 93.9861, 99.7269,
69.9358

■ 0.0000, 0.0000,
0.0000

■ 120.5560,
127.8334, 93.0629

151.7135,

160.7792, 120.7975

187.8241,
198.9487, 153.5581

■ 17.1639, 18.3303,
8.7644

■ 17.1639, 18.3303,
8.7644

■ 16.4221, 17.4635,
6.6160

■ 18.0109, 19.2595,
11.4046

■ 15.7781, 16.6538,
4.9267

■ 18.9674, 20.2510,
14.5641

■ 15.2256, 15.8994,
3.6617

■ 20.0388, 21.3078,
18.2699

■ 14.7568, 15.1968,
2.7807

■ 21.2301, 22.4319,
22.5465

■ 14.3599, 14.5412,
2.2222

■ 22.5457, 23.6254,
27.4173

■ 14.1895, 14.2531,
2.0033

■ 23.9899, 24.8902,
32.9040

■ 25.5667, 26.2279,
39.0275

■ 27.2799, 27.6404,
45.8075

■ 29.1333, 29.1292,
53.2629

Harmonies

Analogous

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



19.8065, 18.3303, 9.6923



17.1639, 18.3303, 8.7644



14.8299, 18.3303, 10.1593

Triad

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



17.1639, 18.3303, 8.7644



13.5391, 18.3303, 28.8530



22.2899, 18.3303, 27.2366

Complementary

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



17.1639, 18.3303, 8.7644



10.1651, 9.6990, 23.1662

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.



20.3007, 18.3303, 34.6228



17.1639, 18.3303, 8.7644



15.2377, 18.3303, 35.7081

Square

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



17.1639, 18.3303, 8.7644



12.8725, 18.3303, 20.7119



17.6835, 18.3303, 38.0454



22.9349, 18.3303, 19.2238

Rectangle

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



17.1639, 18.3303, 8.7644



13.7128, 18.3303, 12.4881



17.6835, 18.3303, 38.0454



21.7471, 18.3303, 29.9362

Sweetspot

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



17.1643, 18.3312, 8.7648



35.5269, 37.7533, 32.9900



13.5130, 10.2124, 10.0633



8.1843, 8.7058, 7.3733



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.



17.1643, 18.3312, 8.7648



28.8336, 30.6477, 11.3954



16.6236, 20.6835, 9.2473



4.9501, 5.2438, 4.9806



13.7432, 13.8089, 1.9410



0.0531, 0.0589, 0.0086

Inverse Universe

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



10.1651, 9.6990, 23.1662



14.8307, 13.3939, 40.2568



10.5070, 8.3757, 22.8927



4.5162, 4.7080, 5.8715



4.5055, 2.5588, 21.3931



0.0204, 0.0185, 0.0757

Previews

White Background



This preview shows how the XYZ color 17.1639, 18.3303, 8.7644 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 17.1639, 18.3303, 8.7644 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

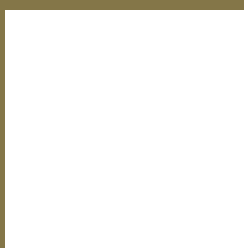
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1639, 18.3303, 8.7644

Background



This preview shows how black text looks on a background with the XYZ color 17.1639, 18.3303, 8.7644.



This preview shows how white text looks on a background with the XYZ color 17.1639, 18.3303,

8.7644.

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

17.1639, 18.3303, 8.7644

Protanopia

16.9724, 18.4074, 8.7893

Deuteranopia

18.6093, 18.2206, 8.8394



Tritanopia

19.5619, 18.2872, 20.5879

Trichromacy



Original Color

17.1639, 18.3303, 8.7644

Protanomaly

17.1266, 18.4868, 8.7965

Deuteranomaly

18.1485, 18.3180, 8.8825

Tritanomaly

18.4572, 18.1648, 15.3653

Monochromacy



Original Color

17.1639, 18.3303, 8.7644

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.7363, 17.7997, 14.8655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1639, 18.3303, 8.7644 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, 118, 72)` looks like.

```
.text, #text, p{  
    color:rgb(132, 118, 72)  
}
```

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, 118, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 118, 72) }
```

Border

The CSS property to change the border of an element to XYZ 17.1639, 18.3303, 8.7644 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, 118, 72) }
```


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

```
.border{ border-color:rgb(132, 118, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 118, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 118, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 118, 72);  
box-shadow:4px 4px 4px 4px rgb(132, 118,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1639, 18.3303, 8.7644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 118, 72) }
```

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

```
.background{ background-color: rgb(132,  
118, 72) }
```

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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