

Converting Colors

XYZ(16.3639, 17.9394, 7.7544)

Have a look what the booklet for
XYZ(16.3639, 17.9394, 7.7544)
contains.

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Color

**XYZ(16.3639, 17.9394,
7.7544)**

Conversions

Conversions Part 1

Format	Color
Hex	807642
RGB	128, 118, 66
RGB Percent	50%, 46%, 26%
CMY	0.4980, 0.5372, 0.7412
CMYK	0.00, 0.08, 0.48, 0.50
HSL	50°, 32%, 38%
HSV	50°, 48%, 50%
XYZ	16.3639, 17.9394, 7.7544
YIQ	115.0620, 22.6520, -14.0520

Conversions

Conversions Part 2

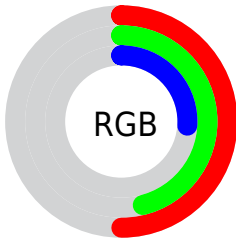
Format	Color
RYB	78, 128, 66
Decimal	8418882
CIELab	49.42, -3.84, 29.90
CIELCh	49, 30.142, 97.317
Yxy	17.9394, 0.3891, 0.4265
Android (android.graphics.Color)	4286608962 (0xFF807642)
YUV	115.0620, -24.1876, 11.3466
Hunter-Lab	42.3549, -5.1573, 18.7936

Details

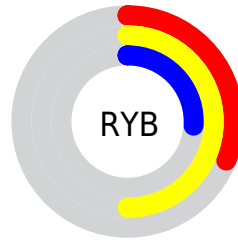
The XYZ color **16.3639, 17.9394, 7.7544** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.7274, 7.8854, 21.4841**, and the grayscale version is **16.3811, 17.2342, 18.7681**.

A 20% lighter version of the original color is **36.7606, 39.9323, 21.9899**, and **5.3770, 6.0086, 1.5382** is the 20% darker color. If you saturate the color by 10%, you get **15.7878, 17.3249, 5.9044**, and if you desaturate by 10%, it is **17.0307, 18.6000, 10.0518**.

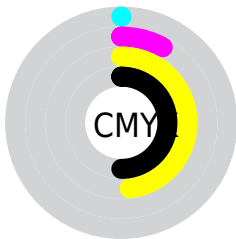
Distribution



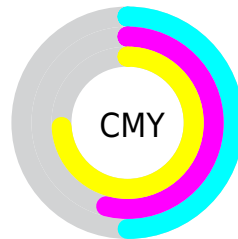
- Red (50%)
- Green (46%)
- Blue (26%)



- Red (31%)
- Yellow (50%)
- Blue (26%)



- Cyan (0%)
- Magenta (8%)
- Yellow (48%)
- Black (50%)



- Cyan (50%)
- Magenta (54%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3639, 17.9394, 7.7544 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 16.3639, 17.9394, 7.7544 by changing the saturation by 10% instead.

■ 16.3639, 17.9394,
7.7544

■ 16.3639, 17.9394,
7.7544

224.7080,
240.5293, 183.6548

■ 9.8745, 10.9065,
3.8527

■ 36.7812, 39.9340,
22.0137

■ 5.3775, 6.0040,
1.5449

■ 51.4398, 55.6646,
33.2084

■ 2.5074, 2.8475,
0.2510

■ 69.5521, 75.0631,
47.6711

■ 0.8990, 1.0526,
0.0000

■ 91.4836, 98.5139,
65.8205

■ 0.0000, 0.0000,
0.0000

■ 117.5996,
126.4016, 88.0750

148.2654,

159.1105, 114.8532

183.8464,
197.0249, 146.5736

■ 16.3639, 17.9394,
7.7544

■ 16.3639, 17.9394,
7.7544

■ 15.7878, 17.3249,
5.9044

■ 17.0307, 18.6000,
10.0518

■ 15.2953, 16.7517,
4.4707

■ 17.7921, 19.3062,
12.8228

■ 14.8804, 16.2180,
3.4199

■ 18.6533, 20.0611,
16.0929

■ 14.5357, 15.7207,
2.7128

■ 19.6188, 20.8663,
19.8853

■ 14.2424, 15.2522,
2.2508

■ 20.6928, 21.7236,
24.2220

■ 14.1976, 15.1801,
2.1818

■ 21.8791, 22.6347,
29.1235

■ 23.1816, 23.6010,
34.6094

■ 24.6038, 24.6240,
40.6983

■ 26.1491, 25.7053,
47.4078

Harmonies

Analogous

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



19.2474, 17.9394, 8.3546



16.3639, 17.9394, 7.7544



13.9464, 17.9394, 9.5387

Triad

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



16.3639, 17.9394, 7.7544



13.0617, 17.9394, 30.6468



22.6095, 17.9394, 26.2151

Complementary

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



16.3639, 17.9394, 7.7544



8.7274, 7.8854, 21.4841

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.



20.5849, 17.9394, 34.8204



16.3639, 17.9394, 7.7544



15.0281, 17.9394, 37.8357

Square

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



16.3639, 17.9394, 7.7544



12.1824, 17.9394, 21.5960



17.7568, 17.9394, 39.5446



23.0692, 17.9394, 17.6056

Rectangle

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



16.3639, 17.9394, 7.7544



12.8505, 17.9394, 12.2388



17.7568, 17.9394, 39.5446



22.0793, 17.9394, 29.2673

Sweetspot

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



16.3643, 17.9402, 7.7548



33.3477, 35.7493, 30.2981



12.1665, 9.0122, 7.9969



7.7392, 8.3121, 6.8272



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.



16.3643, 17.9402, 7.7548



27.7131, 30.4097, 10.1399



14.8062, 18.9782, 8.0372



4.6082, 4.9051, 4.6240



14.0787, 15.0538, 2.1637



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.7274, 7.8854, 21.4841



12.6157, 10.5471, 37.3271



9.7441, 7.4654, 21.3495



4.1606, 4.3151, 5.4269



4.1236, 2.0656, 20.4313



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.3639, 17.9394, 7.7544 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 16.3639, 17.9394, 7.7544 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 16.3639, 17.9394, 7.7544

Background



This preview shows how black text looks on a background with the XYZ color 16.3639, 17.9394, 7.7544.



This preview shows how white text looks on a background with the XYZ color 16.3639, 17.9394,

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

16.3639, 17.9394, 7.7544

Protanopia

16.5151, 18.0173, 7.7615

Deuteranopia

18.1350, 17.8332, 7.7965



Tritanopia

18.8572, 17.9310, 20.2364

Trichromacy



Original Color

16.3639, 17.9394, 7.7544

Protanomaly

16.5151, 18.0173, 7.7615

Deuteranomaly

17.5117, 17.8431, 7.8313

Tritanomaly

17.6776, 17.7800, 14.5568

Monochromacy



Original Color

16.3639, 17.9394, 7.7544

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.1488, 17.3469, 13.8064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3639, 17.9394, 7.7544 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(128, 118, 66)` looks like.

```
.text, #text, p{  
    color:rgb(128, 118, 66)  
}
```

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(128, 118, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 118, 66) }
```

Border

The CSS property to change the border of an element to XYZ 16.3639, 17.9394, 7.7544 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(128, 118, 66) }
```


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

```
.border{ border-color:rgb(128, 118, 66) }
```

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

Here you see how a box with a 4 pixel rgb(128, 118, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 118, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 118, 66);  
box-shadow:4px 4px 4px 4px rgb(128, 118,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3639, 17.9394, 7.7544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 118, 66) }
```

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

```
.background{ background-color: rgb(128,  
118, 66) }
```

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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