

Converting Colors

XYZ(16.3384, 18.9464, 10.7785)

Have a look what the booklet for
XYZ(16.3384, 18.9464, 10.7785)
contains.

XYZ(16.3384, 18.9464, 10.7785)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.3384, 18.9464,
10.7785)**

Conversions

Conversions Part 1

Format	Color
Hex	777C52
RGB	119, 124, 82
RGB Percent	47%, 49%, 32%
CMY	0.5333, 0.5137, 0.6784
CMYK	0.04, 0.00, 0.34, 0.51
HSL	67°, 20%, 40%
HSV	67°, 34%, 49%
XYZ	16.3384, 18.9464, 10.7785
YIQ	117.7170, 10.5020, -14.1220

Conversions

Conversions Part 2

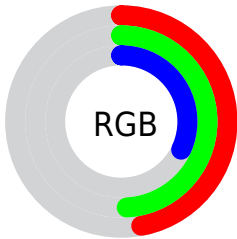
Format	Color
R_{YB}	82, 124, 87
Decimal	7830610
CIE Lab	50.62, -9.16, 22.35
CIE LCh	51, 24.157, 112.295
Yxy	18.9464, 0.3547, 0.4113
Android (android.graphics.Color)	4286020690 (0xFF777C52)
YUV	117.7170, -17.6085, 1.1252
Hunter-Lab	43.5275, -9.1716, 15.7875

Details

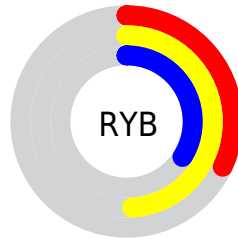
The XYZ color **16.3384, 18.9464, 10.7785** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.5865, 9.5165, 20.3487**, and the grayscale version is **17.1828, 18.0776, 19.6865**.

A 20% lighter version of the original color is **36.7034, 41.4873, 27.9032**, and **5.3603, 6.4616, 2.6338** is the 20% darker color. If you saturate the color by 10%, you get **15.7076, 18.6715, 8.5046**, and if you desaturate by 10%, it is **17.0586, 19.2587, 13.5026**.

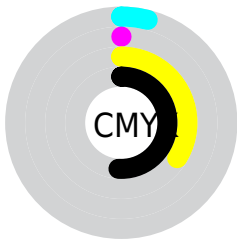
Distribution



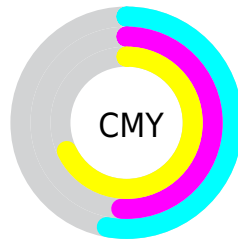
- Red (47%)
- Green (49%)
- Blue (32%)



- Red (32%)
- Yellow (49%)
- Blue (34%)



- Cyan (4%)
- Magenta (0%)
- Yellow (34%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3384, 18.9464, 10.7785 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 16.3384, 18.9464, 10.7785 by changing the saturation by 10% instead.

■ 16.3384, 18.9464,
10.7785

■ 16.3384, 18.9464,
10.7785

224.5617,
246.1527, 206.8241

■ 9.8563, 11.6316,
5.8058

■ 36.7374, 41.6435,
27.8802

■ 5.3653, 6.4933,
2.6605

■ 51.3850, 57.7946,
40.8463

■ 2.5001, 3.1473,
0.9234

■ 69.4852, 77.6598,
57.3139

■ 0.8953, 1.2091,
0.0000

■ 91.4033, 101.6236,
77.7016

■ 0.0000, 0.0691,
0.0000

■ 117.5046,
130.0704, 102.4280

■ 0.0000, 0.0000,
0.0000

148.1545,

163.3846, 131.9115

183.7185,
201.9506, 166.5707

■ 16.3384, 18.9464,
10.7785

■ 16.3384, 18.9464,
10.7785

■ 15.7076, 18.6715,
8.5046

■ 17.0586, 19.2587,
13.5026

■ 15.1602, 18.4297,
6.6554

■ 17.8710, 19.6077,
16.6980

■ 14.6916, 18.2197,
5.2049


■ 18.7802, 19.9957,
20.3862


■ 14.2962, 18.0394,
4.1236


■ 19.7898, 20.4242,
24.5866


■ 13.9676, 17.8862,
3.3780


■ 20.9034, 20.8947,
29.3180


 13.6974, 17.7566,
2.9237

 22.1243, 21.4085,
34.5979

 13.5435, 17.6821,
2.6992

 23.4558, 21.9670,
40.4431

 24.9010, 22.5712,
46.8699

 26.4628, 23.2225,
53.8936

Harmonies

Analogous

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



18.6242, 18.9464, 10.2331



16.3384, 18.9464, 10.7785



14.6465, 18.9464, 13.6493

Triad

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



16.3384, 18.9464, 10.7785



15.3691, 18.9464, 32.7346



22.8972, 18.9464, 22.4241

Complementary

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



16.3384, 18.9464, 10.7785



10.5865, 9.5165, 20.3487

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.



21.8480, 18.9464, 29.6571



16.3384, 18.9464, 10.7785



17.4055, 18.9464, 36.4014

Square

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



16.3384, 18.9464, 10.7785



14.1220, 18.9464, 25.9712



19.7876, 18.9464, 35.1665



22.5485, 18.9464, 16.0754

Rectangle

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



16.3384, 18.9464, 10.7785



14.0164, 18.9464, 16.9190



19.7876, 18.9464, 35.1665



22.6934, 18.9464, 24.8461

Sweetspot

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



16.3389, 18.9472, 10.7789



32.0086, 34.7432, 31.6397



13.2359, 11.6950, 9.5426



7.4957, 8.1642, 7.2789



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.



16.3389, 18.9472, 10.7789



27.8396, 32.9432, 15.6663



13.7791, 17.6276, 10.6591



4.2630, 4.6109, 4.2898



13.7662, 17.9739, 2.7438



65.1933, 85.4938, 13.0659

Inverse Universe

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



10.5865, 9.5165, 20.3487



16.0259, 13.5680, 35.3308



12.8281, 10.6721, 20.4536



3.8379, 3.9143, 4.9964



3.8936, 1.5800, 19.4850



18.1795, 7.3339, 92.9272

Previews

White Background



This preview shows how the XYZ color 16.3384, 18.9464, 10.7785 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 16.3384, 18.9464, 10.7785 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

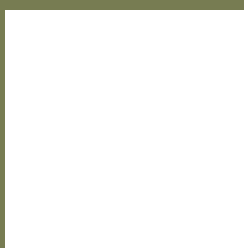
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.3384, 18.9464, 10.7785

Background



This preview shows how black text looks on a background with the XYZ color 16.3384, 18.9464, 10.7785.



This preview shows how white text looks on a background with the XYZ color 16.3384, 18.9464,

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

16.3384, 18.9464, 10.7785

Protanopia

17.5617, 18.8523, 10.4978

Deuteranopia

19.2326, 18.8309, 11.0086



Tritanopia

18.8322, 18.8754, 23.0728

Trichromacy



Original Color

16.3384, 18.9464, 10.7785

Protanomaly

17.0750, 18.7809, 10.5097

Deuteranomaly

18.0314, 18.7323, 10.8489

Tritanomaly

17.7541, 18.7916, 17.7303

Monochromacy



Original Color

16.3384, 18.9464, 10.7785

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.7375, 18.3044, 16.0155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3384, 18.9464, 10.7785 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(119, 124, 82)` looks like.

```
.text, #text, p{  
    color:rgb(119, 124, 82)  
}
```

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(119, 124, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 124, 82) }
```

Border

The CSS property to change the border of an element to XYZ 16.3384, 18.9464, 10.7785 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(119, 124, 82) }
```


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

```
.border{ border-color:rgb(119, 124, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 124, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 124, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 124, 82);  
box-shadow:4px 4px 4px 4px rgb(119, 124,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3384, 18.9464, 10.7785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 124, 82) }
```

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

```
.background{ background-color: rgb(119,  
124, 82) }
```

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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