

Converting Colors

XYZ(16.2342, 17.4914, 19.4370)

Have a look what the booklet for
XYZ(16.2342, 17.4914, 19.4370)
contains.

XYZ(16.1277, 17.3864, 19.3355)	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(16.1277, 17.3864,
19.3355)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7575
RGB	111, 117, 117
RGB Percent	44%, 46%, 46%
CMY	0.5647, 0.5412, 0.5412
CMYK	0.05, 0.00, 0.00, 0.54
HSL	180°, 3%, 45%
HSV	180°, 5%, 46%
XYZ	16.1277, 17.3864, 19.3355
YIQ	115.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

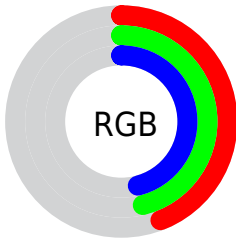
Format	Color
R_{YB}	111, 114, 117
Decimal	7304565
CIE Lab	48.74, -2.26, -0.79
CIE LCh	49, 2.390, 199.294
Yxy	17.3864, 0.3052, 0.3290
Android (android.graphics.Color)	4285494645 (0xFF6F7575)
YUV	115.2060, 0.8844, -3.6887
Hunter-Lab	41.6970, -3.9290, 1.6943

Details

The XYZ color **16.1277, 17.3864, 19.3355** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8904, 16.2989, 17.3482**, and the grayscale version is **16.3568, 17.2086, 18.7401**.

A 20% lighter version of the original color is **36.4537, 39.0270, 43.1478**, and **5.2522, 5.7427, 6.4619** is the 20% darker color. If you saturate the color by 10%, you get **14.7508, 16.6771, 19.2703**, and if you desaturate by 10%, it is **17.6984, 18.1966, 19.4105**.

Distribution



Red (44%)

Green (46%)

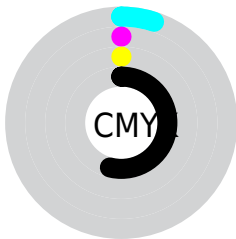
Blue (46%)



Red (44%)

Yellow (45%)

Blue (46%)

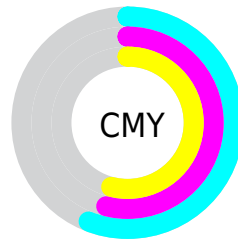


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (54%)



Cyan (56%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1277, 17.3864, 19.3355 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 16.1277, 17.3864, 19.3355 by changing the saturation by 10% instead.

■ 16.1277, 17.3864,
19.3355

■ 16.1277, 17.3864,
19.3355

223.3497,
237.3894, 260.7789

■ 9.7060, 10.5104,
11.7337

■ 36.3754, 38.9889,
43.1445

■ 5.2652, 5.7386,
6.4423

■ 50.9321, 54.4842,
60.1887

■ 2.4401, 2.6868,
3.0427

■ 68.9312, 73.6214,
81.2175

■ 0.8651, 0.9705,
1.1165

■ 90.7380, 96.7849,
106.6494

■ 0.0000, 0.0000,
0.0000

116.7179,
124.3590, 136.9030

147.2363,

156.7282, 172.3967

182.6584,
194.2769, 213.5492

■ 16.1277, 17.3864,
19.3355

■ 16.1277, 17.3864,
19.3355

■ 14.7508, 16.6771,
19.2703

■ 17.6984, 18.1966,
19.4105

■ 13.5589, 16.0627,
19.2135

■ 19.4686, 19.1091,
19.4944

■ 12.5445, 15.5397,
19.1649

■ 21.4453, 20.1281,
19.5880

■ 11.6991, 15.1039,
19.1242

■ 23.6350, 21.2569,
19.6916

■ 11.0135, 14.7505,
19.0911

■ 26.0437, 22.4987,
19.8054

■ 10.4777, 14.4744,
19.0649

■ 28.6774, 23.8563,
19.9297

■ 10.0806, 14.2696,
19.0452

■ 31.5415, 25.3328,
20.0648

■ 9.8092, 14.1298,
19.0314

■ 34.6417, 26.9310,
20.2110

■ 9.6420, 14.0436,
19.0225

■ 37.9830, 28.6535,
20.3685

Harmonies

Analogous

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



16.1115, 17.3864, 18.7058



16.1277, 17.3864, 19.3355



16.2499, 17.3864, 19.8678

Triad

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



16.1277, 17.3864, 19.3355



16.8492, 17.3864, 19.7351



16.6043, 17.3864, 17.7609

Complementary

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



16.1277, 17.3864, 19.3355



15.8904, 16.2989, 17.3482

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.



16.8037, 17.3864, 18.0238



16.1277, 17.3864, 19.3355



16.9460, 17.3864, 19.1577

Square

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



16.1277, 17.3864, 19.3355



16.6660, 17.3864, 20.1020



16.9293, 17.3864, 18.5319



16.3853, 17.3864, 17.8061

Rectangle

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



16.1277, 17.3864, 19.3355



16.3756, 17.3864, 20.0913



16.9293, 17.3864, 18.5319



16.6758, 17.3864, 17.8159

Sweetspot

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



16.1282, 17.3871, 19.3359



29.7076, 31.5607, 34.6627



15.7992, 17.2570, 17.5374



6.8403, 7.2615, 7.9700



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.1282, 17.3871, 19.3359



28.6110, 30.9954, 34.6105



15.7955, 16.7216, 19.2255



3.8771, 4.2036, 4.6971



10.5441, 15.4317, 20.9533



51.3823, 75.2002, 102.1050

Inverse Universe

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



15.8904, 16.2989, 17.3482



28.1034, 28.6725, 30.3677



16.2120, 16.9423, 17.4549



3.8064, 3.8799, 4.1059



8.0830, 4.1669, 0.3793



39.3889, 20.3057, 1.8455

Previews

White Background



This preview shows how the XYZ color 16.1277, 17.3864, 19.3355 looks on a white background.

Color Contrast Check

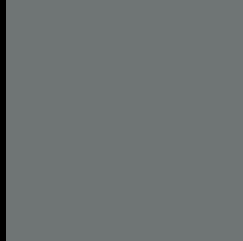
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.1277, 17.3864, 19.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

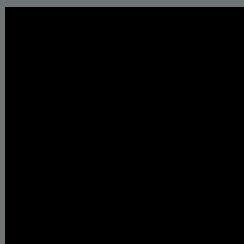
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

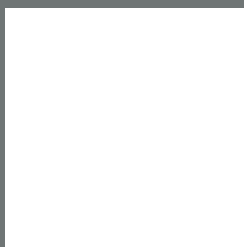
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1277, 17.3864, 19.3355

Background



This preview shows how black text looks on a background with the XYZ color 16.1277, 17.3864, 19.3355.



This preview shows how white text looks on a background with the XYZ color 16.1277, 17.3864,

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

16.1277, 17.3864, 19.3355

Protanopia

16.7543, 17.3740, 18.9935

Deuteranopia

17.6684, 17.3320, 19.5537



Tritanopia

16.6292, 17.4162, 21.8872

Trichromacy



Original Color

16.1277, 17.3864, 19.3355

Protanomaly

16.4680, 17.3966, 19.0129

Deuteranomaly

17.1725, 17.4076, 19.5945

Tritanomaly

16.4403, 17.3407, 20.8929

Monochromacy



Original Color

16.1277, 17.3864, 19.3355

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.3372, 17.3291, 19.0068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1277, 17.3864, 19.3355 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(111, 117, 117)` looks like.

```
.text, #text, p{  
    color:rgb(111, 117, 117)  
}
```

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(111, 117, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 117, 117) }
```

Border

The CSS property to change the border of an element to XYZ 16.1277, 17.3864, 19.3355 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(111, 117, 117) }
```


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

```
.border{ border-color:rgb(111, 117, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 117, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 117, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 117, 117);  
box-shadow:4px 4px 4px 4px rgb(111, 117,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1277, 17.3864, 19.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 117, 117) }
```

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

```
.background{ background-color: rgb(111,  
117, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor