

Converting Colors

XYZ(16.3820, 16.2059, 18.9412)

Have a look what the booklet for
XYZ(16.3820, 16.2059, 18.9412)
contains.

XYZ(16.4253, 16.2147, 19.0937)	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(16.4253, 16.2147,
19.0937)**

Conversions

Conversions Part 1

Format	Color
Hex	786D75
RGB	120, 109, 117
RGB Percent	47%, 43%, 46%
CMY	0.5294, 0.5725, 0.5412
CMYK	0.00, 0.09, 0.03, 0.53
HSL	316°, 5%, 45%
HSV	316°, 9%, 47%
XYZ	16.4253, 16.2147, 19.0937
YIQ	113.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

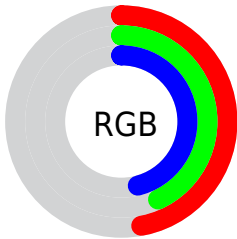
Format	Color
R_{YB}	120, 109, 117
Decimal	7892341
CIE Lab	47.25, 5.85, -2.89
CIE LCh	47, 6.524, 333.753
Yxy	16.2147, 0.3175, 0.3134
Android (android.graphics.Color)	4286082421 (0xFF786D75)
YUV	113.2010, 1.8729, 5.9627
Hunter-Lab	40.2675, 2.3429, 0.0736

Details

The XYZ color **16.4253, 16.2147, 19.0937** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9484, 17.8545, 17.9358**, and the grayscale version is **15.7499, 16.5701, 18.0448**.

A 20% lighter version of the original color is **36.7455, 36.7768, 42.6981**, and **5.4693, 5.2526, 6.3558** is the 20% darker color. If you saturate the color by 10%, you get **15.0426, 13.7517, 17.6999**, and if you desaturate by 10%, it is **17.9905, 19.0313, 20.5820**.

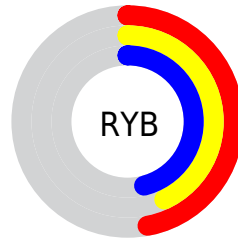
Distribution



Red (47%)

Green (43%)

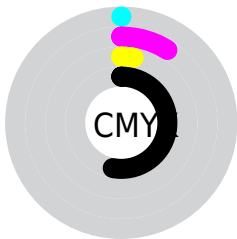
Blue (46%)



Red (47%)

Yellow (43%)

Blue (46%)

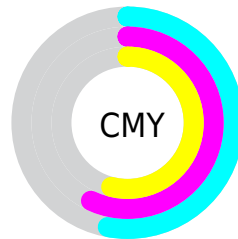


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4253, 16.2147, 19.0937 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 16.4253, 16.2147, 19.0937 by changing the saturation by 10% instead.

■ 16.4253, 16.2147,
19.0937

■ 16.4253, 16.2147,
19.0937

225.0598,
230.6053, 259.4055

■ 9.9184, 9.6762,
11.5605

■ 36.8865, 36.9705,
42.7312

■ 5.4067, 5.1848,
6.3263

■ 51.5715, 51.9567,
59.6725

■ 2.5250, 2.3561,
2.9725

■ 69.7132, 70.5275,
80.5870

■ 0.9079, 0.8032,
1.0806

■ 91.6769, 93.0673,
105.8932

■ 0.0000, 0.0000,
0.0000

117.8281,
119.9606, 136.0096

148.5321,

151.5918, 171.3548

184.1542,
188.3452, 212.3472

■ 16.4253, 16.2147,
19.0937

■ 16.4253, 16.2147,
19.0937

■ 15.0426, 13.7517,
17.6999

■ 17.9905, 19.0313,
20.5820

■ 13.8338, 11.6263,
16.3967

■ 19.7434, 22.2129,
22.1662

■ 12.7919, 9.8239,
15.1817

■ 21.6909, 25.7726,
23.8491

■ 11.9087, 8.3285,
14.0518

■ 23.8391, 29.7225,
25.6331

■ 11.1753, 7.1224,
13.0036

■ 26.1936, 34.0740,
27.5205

■ 10.5820, 6.1862,
12.0337

■ 28.7602, 38.8382,
29.5133

■ 10.1178, 5.4982,
11.1379

■ 31.5441, 44.0256,
31.6136

■ 9.7701, 5.0331,
10.3117

■ 34.5504, 49.6465,
33.8236

■ 9.4992, 4.7119,
9.5415

■ 37.7841, 55.7106,
36.1451

Harmonies

Analogous

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



16.0345, 16.2147, 20.4227



16.4253, 16.2147, 19.0937



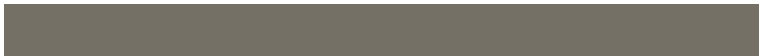
16.5421, 16.2147, 17.4485

Triad

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



16.4253, 16.2147, 19.0937



15.3393, 16.2147, 14.6784



14.5099, 16.2147, 19.4746

Complementary

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



16.4253, 16.2147, 19.0937



15.9484, 17.8545, 17.9358

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.



14.3338, 16.2147, 17.8632



16.4253, 16.2147, 19.0937



14.8050, 16.2147, 15.1495

Square

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



16.4253, 16.2147, 19.0937



15.9061, 16.2147, 14.9630



14.4405, 16.2147, 16.2905



14.9275, 16.2147, 20.6520

Rectangle

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



16.4253, 16.2147, 19.0937



16.4465, 16.2147, 16.4093



14.4405, 16.2147, 16.2905



14.4210, 16.2147, 18.9623

Sweetspot

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



16.4258, 16.2154, 19.0941



30.5271, 31.4612, 35.1566



15.5331, 15.7345, 19.9881



7.1872, 7.3706, 8.2869



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.4258, 16.2154, 19.0941



28.3514, 27.5570, 33.0528



16.1155, 16.0913, 17.4603



4.1100, 4.0597, 4.7772



10.3326, 5.1092, 10.3085



48.9162, 24.2228, 47.2160

Inverse Universe

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



16.4258, 16.2154, 19.0941



28.3514, 27.5570, 33.0528



16.2602, 17.9792, 19.5773



4.1100, 4.0597, 4.7772



10.3326, 5.1092, 10.3085



48.9162, 24.2228, 47.2160

Previews

White Background



This preview shows how the XYZ color 16.4253, 16.2147, 19.0937 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 16.4253, 16.2147, 19.0937 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 16.4253, 16.2147, 19.0937

Background



This preview shows how black text looks on a background with the XYZ color 16.4253, 16.2147, 19.0937.



This preview shows how white text looks on a background with the XYZ color 16.4253, 16.2147,

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

16.4253, 16.2147, 19.0937

Protanopia

15.6365, 16.1216, 19.4272

Deuteranopia

16.5647, 16.2866, 19.1002



Tritanopia

16.4253, 16.2147, 19.0937

Trichromacy



Original Color

16.4253, 16.2147, 19.0937

Protanomaly

15.9162, 16.1047, 19.4092

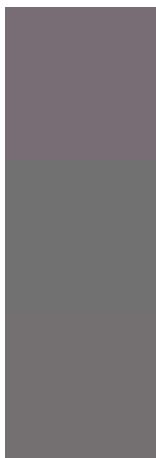
Deuteranomaly

16.5647, 16.2866, 19.1002

Tritanomaly

16.4253, 16.2147, 19.0937

Monochromacy



Original Color

16.4253, 16.2147, 19.0937

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.0339, 16.5162, 18.2625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4253, 16.2147, 19.0937 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(120, 109, 117)` looks like.

```
.text, #text, p{  
    color:rgb(120, 109, 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(120, 109, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 109, 117) }
```

Border

The CSS property to change the border of an element to XYZ 16.4253, 16.2147, 19.0937 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(120, 109, 117) }
```


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

```
.border{ border-color:rgb(120, 109, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 109, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 109, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 109, 117);  
box-shadow:4px 4px 4px 4px rgb(120, 109,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4253, 16.2147, 19.0937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 109, 117) }
```

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

```
.background{ background-color: rgb(120,  
109, 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](#).

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