

Converting Colors

XYZ(16.3920, 19.0189, 13.7532)

Have a look what the booklet for
XYZ(16.3920, 19.0189, 13.7532)
contains.

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Color

**XYZ(16.5152, 19.1566,
13.8935)**

Conversions

Conversions Part 1

Format	Color
Hex	737D60
RGB	115, 125, 96
RGB Percent	45%, 49%, 38%
CMY	0.5490, 0.5098, 0.6235
CMYK	0.08, 0.00, 0.23, 0.51
HSL	81°, 13%, 43%
HSV	81°, 23%, 49%
XYZ	16.5152, 19.1566, 13.8935
YIQ	118.7040, 3.3490, -11.1390

Conversions

Conversions Part 2

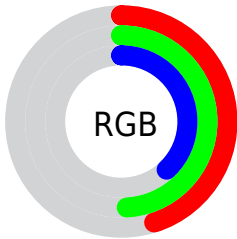
Format	Color
R _Y B	96, 125, 106
Decimal	7568736
CIE Lab	50.87, -9.22, 14.60
CIE LCh	51, 17.273, 122.274
Yxy	19.1566, 0.3332, 0.3865
Android (android.graphics.Color)	4285758816 (0xFF737D60)
YUV	118.7040, -11.1931, -3.2484
Hunter-Lab	43.7683, -9.2405, 11.8172

Details

The XYZ color **16.5152, 19.1566, 13.8935** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **13.8291, 12.9111, 21.1663**, and the grayscale version is **17.4750, 18.3850, 20.0213**.

A 20% lighter version of the original color is **37.1232, 42.1629, 33.7854**, and **5.4749, 6.5925, 4.0015** is the 20% darker color. If you saturate the color by 10%, you get **15.4313, 18.6597, 11.0737**, and if you desaturate by 10%, it is **17.7182, 19.7055, 17.1974**.

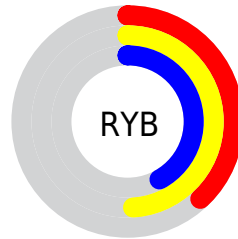
Distribution



Red (45%)

Green (49%)

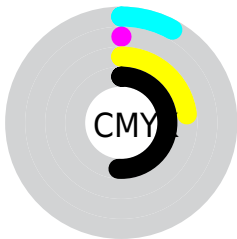
Blue (38%)



Red (38%)

Yellow (49%)

Blue (42%)

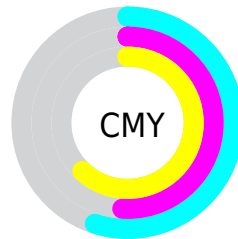


Cyan (8%)

Magenta (0%)

Yellow (23%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5152, 19.1566, 13.8935 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 16.5152, 19.1566, 13.8935 by changing the saturation by 10% instead.

■ 16.5152, 19.1566,
13.8935

■ 16.5152, 19.1566,
13.8935

225.5740,
247.3119, 227.9726

■ 9.9826, 11.7835,
7.9087

■ 37.0406, 41.9985,
33.6143

■ 5.4496, 6.5964,
3.9497

■ 51.7641, 58.2362,
48.1875

■ 2.5508, 3.2110,
1.5978

■ 69.9487, 78.1974,
66.4605

■ 0.9210, 1.2429,
0.2892

■ 91.9596, 102.2667,
88.8519

■ 0.0000, 0.0963,
0.0000

118.1622,
130.8284, 115.7803

■ 0.0000, 0.0000,
0.0000

148.9219,

164.2669, 147.6642

184.6041,
202.9666, 184.9221

■ 16.5152, 19.1566,
13.8935

■ 16.5152, 19.1566,
13.8935

■ 15.4313, 18.6597,
11.0737

■ 17.7182, 19.7055,
17.1974

■ 14.4603, 18.2103,
8.7142

■ 19.0431, 20.3056,
21.0054

■ 13.5976, 17.8073,
6.7905

■ 20.4946, 20.9595,
25.3380

■ 12.8378, 17.4484,
5.2760

■ 22.0767, 21.6688,
30.2140

■ 12.1749, 17.1311,
4.1408

■ 23.7929, 22.4349,
35.6515

■ 11.6020, 16.8526,
3.3508

■ 25.6470, 23.2595,
41.6674

■ 11.1108, 16.6096,
2.8644

■ 27.6424, 24.1439,
48.2783

■ 10.8042, 16.4570,
2.6071

■ 29.7823, 25.0895,
55.4998

■ 32.0699, 26.0975,
63.3472

Harmonies

Analogous

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



18.0782, 19.1566, 12.8232



16.5152, 19.1566, 13.8935



15.4612, 19.1566, 16.7937

Triad

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



16.5152, 19.1566, 13.8935



16.7269, 19.1566, 30.3059



21.6784, 19.1566, 20.4885

Complementary

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



16.5152, 19.1566, 13.8935



13.8291, 12.9111, 21.1663

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.



21.2618, 19.1566, 25.5309



16.5152, 19.1566, 13.8935



18.3380, 19.1566, 31.6980

Square

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



16.5152, 19.1566, 13.8935



15.5780, 19.1566, 26.2753



20.0122, 19.1566, 29.8312



21.1181, 19.1566, 16.2422

Rectangle

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



16.5152, 19.1566, 13.8935



15.1529, 19.1566, 19.6232



20.0122, 19.1566, 29.8312



21.6479, 19.1566, 22.1441

Sweetspot

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



16.5157, 19.1574, 13.8939



33.1316, 35.9227, 34.7972



15.6892, 15.4446, 13.2208



7.5132, 8.1607, 7.8487



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.



16.5157, 19.1574, 13.8939



28.4850, 33.8055, 22.0092



14.7937, 18.2697, 13.8133



4.5258, 4.9475, 4.6366



11.2681, 17.1713, 2.7205



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.8291, 12.9111, 21.1663



22.7636, 20.4999, 37.5015



15.6541, 13.8519, 21.2517



4.2379, 4.2782, 5.4157



4.9010, 2.0803, 20.3932



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.5152, 19.1566, 13.8935 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 16.5152, 19.1566, 13.8935 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

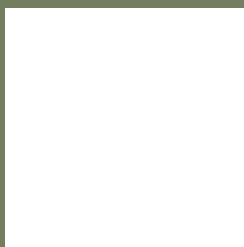
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.5152, 19.1566, 13.8935

Background



This preview shows how black text looks on a background with the XYZ color 16.5152, 19.1566, 13.8935.

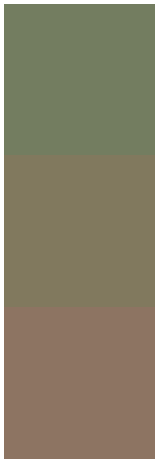


This preview shows how white text looks on a background with the XYZ color 16.5152, 19.1566,

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

16.5152, 19.1566, 13.8935

Protanopia

17.9110, 19.1500, 13.3420

Deuteranopia

19.4345, 19.0353, 14.2052



Tritanopia

18.4915, 19.0377, 23.8191

Trichromacy



Original Color

16.5152, 19.1566, 13.8935

Protanomaly

17.3373, 19.0304, 13.5859

Deuteranomaly

18.2702, 18.9623, 14.0064

Tritanomaly

17.7008, 19.0786, 19.8892

Monochromacy



Original Color

16.5152, 19.1566, 13.8935

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.1778, 18.6740, 17.7380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5152, 19.1566, 13.8935 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(115, 125, 96)` looks like.

```
.text, #text, p{  
    color:rgb(115, 125, 96)  
}
```

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(115, 125, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 125, 96) }
```

Border

The CSS property to change the border of an element to XYZ 16.5152, 19.1566, 13.8935 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(115, 125, 96) }
```


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

```
.border{ border-color:rgb(115, 125, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 125, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 125, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 125, 96);  
box-shadow:4px 4px 4px 4px rgb(115, 125,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5152, 19.1566, 13.8935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 125, 96) }
```

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

```
.background{ background-color: rgb(115,  
125, 96) }
```

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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