

Converting Colors

XYZ(16.5272, 19.2686, 10.9753)

Have a look what the booklet for
XYZ(16.5272, 19.2686, 10.9753)
contains.

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Color

**XYZ(16.5027, 19.2137,
11.0224)**

Conversions

Conversions Part 1

Format	Color
Hex	777D53
RGB	119, 125, 83
RGB Percent	47%, 49%, 33%
CMY	0.5333, 0.5098, 0.6745
CMYK	0.05, 0.00, 0.34, 0.51
HSL	69°, 20%, 41%
HSV	69°, 34%, 49%
XYZ	16.5027, 19.2137, 11.0224
YIQ	118.4180, 9.9060, -14.3340

Conversions

Conversions Part 2

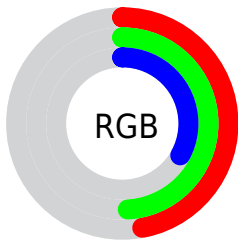
Format	Color
R_{YB}	83, 125, 89
Decimal	7830867
CIE Lab	50.94, -9.58, 22.20
CIE LCh	51, 24.175, 113.345
Yxy	19.2137, 0.3531, 0.4111
Android (android.graphics.Color)	4286020947 (0xFF777D53)
YUV	118.4180, -17.4611, 0.5104
Hunter-Lab	43.8334, -9.5057, 15.7743

Details

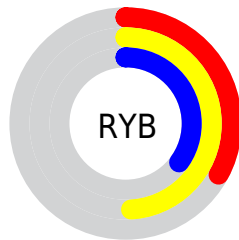
The XYZ color **16.5027, 19.2137, 11.0224** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.9154, 9.7915, 20.7178**, and the grayscale version is **17.4024, 18.3087, 19.9382**.

A 20% lighter version of the original color is **37.1673, 42.3049, 28.3970**, and **5.4442, 6.6045, 2.7381** is the 20% darker color. If you saturate the color by 10%, you get **15.8203, 18.9133, 8.6944**, and if you desaturate by 10%, it is **17.2778, 19.5530, 13.8098**.

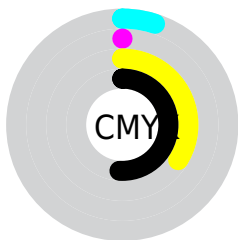
Distribution



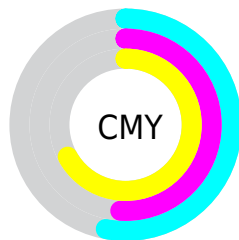
- Red (47%)
- Green (49%)
- Blue (33%)



- Red (33%)
- Yellow (49%)
- Blue (35%)



- Cyan (5%)
- Magenta (0%)
- Yellow (34%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5027, 19.2137, 11.0224 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 16.5027, 19.2137, 11.0224 by changing the saturation by 10% instead.

■ 16.5027, 19.2137,
11.0224

■ 16.5027, 19.2137,
11.0224

225.5026,
247.6260, 208.5641

■ 9.9737, 11.8248,
5.9675

■ 37.0192, 42.0949,
28.3389

■ 5.4436, 6.6245,
2.7569

■ 51.7373, 58.3560,
41.4376

■ 2.5472, 3.2284,
0.9719

■ 69.9159, 78.3432,
58.0546

■ 0.9191, 1.2521,
0.0000

■ 91.9203, 102.4410,
78.6085

■ 0.0000, 0.1037,
0.0000

■ 118.1158,
131.0338, 103.5179

■ 0.0000, 0.0000,
0.0000

148.8678,

164.5060, 133.2013

184.5416,
203.2419, 168.0772

■ 16.5027, 19.2137,
11.0224

■ 16.5027, 19.2137,
11.0224

■ 15.8203, 18.9133,
8.6944

■ 17.2778, 19.5530,
13.8098

■ 15.2243, 18.6474,
6.8000

■ 18.1484, 19.9304,
17.0783

■ 14.7101, 18.4147,
5.3125

■ 19.1190, 20.3483,
20.8494

■ 14.2721, 18.2130,
4.2021

■ 20.1936, 20.8083,
25.1433

■ 13.9036, 18.0397,
3.4346

■ 21.3757, 21.3119,
29.9787

■ 13.5964, 17.8914,
2.9665

■ 22.6688, 21.8605,
35.3738

■ 13.4140, 17.8024,
2.7292

■ 24.0761, 22.4552,
41.3457

■ 25.6008, 23.0975,
47.9107

■ 27.2459, 23.7885,
55.0847

Harmonies

Analogous

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



18.7992, 19.2137, 10.3906



16.5027, 19.2137, 11.0224



14.8213, 19.2137, 14.0123

Triad

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



16.5027, 19.2137, 11.0224



15.6563, 19.2137, 33.3393



23.2117, 19.2137, 22.4814

Complementary

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



16.5027, 19.2137, 11.0224



10.9154, 9.7915, 20.7178

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.



22.1979, 19.2137, 29.7916



16.5027, 19.2137, 11.0224



17.7352, 19.2137, 36.8843

Square

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



16.5027, 19.2137, 11.0224



14.3632, 19.2137, 26.5746



20.1422, 19.2137, 35.4616



22.8094, 19.2137, 16.1312

Rectangle

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



16.5027, 19.2137, 11.0224



14.2077, 19.2137, 17.3741



20.1422, 19.2137, 35.4616



23.0225, 19.2137, 24.9193

Sweetspot

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



16.5032, 19.2146, 11.0228



33.0610, 35.9316, 32.7474



13.5586, 12.0634, 9.7977



7.4759, 8.1540, 7.2780



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.



16.5032, 19.2146, 11.0228



28.6353, 34.0031, 16.5895



13.9759, 17.9117, 10.9045



4.6069, 4.9893, 4.6403



13.9950, 18.5771, 2.8481



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.9154, 9.7915, 20.7178



17.0825, 14.5132, 36.6453



13.1763, 10.9570, 20.8236



4.1617, 4.2389, 5.4121



4.1171, 1.6761, 20.3565



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.5027, 19.2137, 11.0224 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 16.5027, 19.2137, 11.0224 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

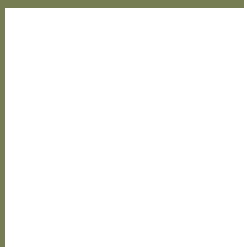
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.5027, 19.2137, 11.0224

Background



This preview shows how black text looks on a background with the XYZ color 16.5027, 19.2137, 11.0224.



This preview shows how white text looks on a background with the XYZ color 16.5027, 19.2137,

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

16.5027, 19.2137, 11.0224

Protanopia

17.6826, 19.0941, 10.5381

Deuteranopia

19.3867, 19.0760, 11.2546



Tritanopia

19.0167, 19.1386, 23.4607

Trichromacy



Original Color

16.5027, 19.2137, 11.0224

Protanomaly

17.2349, 19.0403, 10.7494

Deuteranomaly

18.1887, 18.9846, 11.0933

Tritanomaly

17.9304, 19.0556, 18.0623

Monochromacy



Original Color

16.5027, 19.2137, 11.0224

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.8584, 18.5462, 16.0558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5027, 19.2137, 11.0224 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, 125, 83)` looks like.

```
.text, #text, p{  
    color:rgb(119, 125, 83)  
}
```

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, 125, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 125, 83) }
```

Border

The CSS property to change the border of an element to XYZ 16.5027, 19.2137, 11.0224 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, 125, 83) }
```


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

```
.border{ border-color:rgb(119, 125, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 125, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 125, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 125, 83);  
box-shadow:4px 4px 4px 4px rgb(119, 125,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5027, 19.2137, 11.0224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 125, 83) }
```

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

```
.background{ background-color: rgb(119,  
125, 83) }
```

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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