

Converting Colors

XYZ(16.5164, 19.1331, 14.5545)

Have a look what the booklet for
XYZ(16.5164, 19.1331, 14.5545)
contains.

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Color

**XYZ(16.5252, 19.1455,
14.6289)**

Conversions

Conversions Part 1

Format	Color
Hex	727D63
RGB	114, 125, 99
RGB Percent	45%, 49%, 39%
CMY	0.5529, 0.5098, 0.6118
CMYK	0.09, 0.00, 0.21, 0.51
HSL	85°, 12%, 44%
HSV	85°, 21%, 49%
XYZ	16.5252, 19.1455, 14.6289
YIQ	118.7470, 1.7900, -10.4180

Conversions

Conversions Part 2

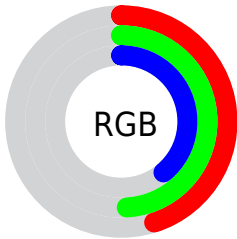
Format	Color
RYB	99, 125, 110
Decimal	7503203
CIELab	50.86, -9.11, 12.84
CIElCh	51, 15.741, 125.368
Yxy	19.1455, 0.3285, 0.3806
Android (android.graphics.Color)	4285693283 (0xFF727D63)
YUV	118.7470, -9.7353, -4.1631
Hunter-Lab	43.7556, -9.1580, 10.8063

Details

The XYZ color **16.5252, 19.1455, 14.6289** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5947, 13.7199, 21.2820**, and the grayscale version is **17.4844, 18.3950, 20.0322**.

A 20% lighter version of the original color is **37.1513, 42.1498, 35.0318**, and **5.4510, 6.5751, 4.2306** is the 20% darker color. If you saturate the color by 10%, you get **15.3052, 18.5809, 11.6901**, and if you desaturate by 10%, it is **17.8786, 19.7693, 18.0577**.

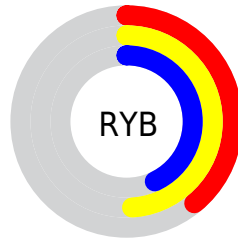
Distribution



Red (45%)

Green (49%)

Blue (39%)



Red (39%)

Yellow (49%)

Blue (43%)

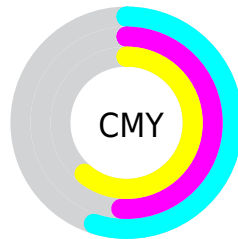


Cyan (9%)

Magenta (0%)

Yellow (21%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5252, 19.1455, 14.6289 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 16.5252, 19.1455, 14.6289 by changing the saturation by 10% instead.

■ 16.5252, 19.1455,
14.6289

■ 16.5252, 19.1455,
14.6289

225.6312,
247.2508, 232.6718

■ 9.9898, 11.7755,
8.4156

■ 37.0577, 41.9798,
34.9339

■ 5.4544, 6.5910,
4.2705

■ 51.7855, 58.2129,
49.8627

■ 2.5537, 3.2076,
1.7749

■ 69.9748, 78.1691,
68.5337

■ 0.9224, 1.2411,
0.4113

■ 91.9910, 102.2328,
91.3656

■ 0.0000, 0.0949,
0.0000

118.1993,
130.7884, 118.7768

■ 0.0000, 0.0000,
0.0000

148.9652,

164.2204, 151.1859

184.6541,
202.9131, 189.0113

■ 16.5252, 19.1455,
14.6289

■ 16.5252, 19.1455,
14.6289

■ 15.3052, 18.5809,
11.6901

■ 17.8786, 19.7693,
18.0577

■ 14.2121, 18.0710,
9.2177

■ 19.3684, 20.4517,
21.9962

■ 13.2412, 17.6144,
7.1879

■ 20.9995, 21.1954,
26.4644

■ 12.3867, 17.2087,
5.5745

■ 22.7762, 22.0020,
31.4812

■ 11.6425, 16.8514,
4.3484

■ 24.7023, 22.8734,
37.0642

■ 11.0016, 16.5397,
3.4768

■ 26.7817, 23.8110,
43.2304

■ 10.4559, 16.2701,
2.9213

■ 29.0180, 24.8165,
49.9961

■ 10.0146, 16.0499,
2.5701

■ 31.4148, 25.8912,
57.3769

■ 33.9754, 27.0366,
65.3877

Harmonies

Analogous

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



17.9197, 19.1455, 13.4472



16.5252, 19.1455, 14.6289



15.6190, 19.1455, 17.4855

Triad

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



16.5252, 19.1455, 14.6289



16.9825, 19.1455, 29.6126



21.3305, 19.1455, 20.0574

Complementary

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



16.5252, 19.1455, 14.6289



14.5947, 13.7199, 21.2820

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.



21.0446, 19.1455, 24.6120



16.5252, 19.1455, 14.6289



18.4776, 19.1455, 30.5572

Square

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



16.5252, 19.1455, 14.6289



15.8723, 19.1455, 26.1904



19.9784, 19.1455, 28.6144



20.7388, 19.1455, 16.2834

Rectangle

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



16.5252, 19.1455, 14.6289



15.3839, 19.1455, 20.1641



19.9784, 19.1455, 28.6144



21.3342, 19.1455, 21.5435

Sweetspot

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



16.5257, 19.1463, 14.6293



33.2256, 35.9556, 35.5029



16.2683, 16.3774, 14.1084



7.5275, 8.1648, 7.9963



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.



16.5257, 19.1463, 14.6293



28.5131, 33.7857, 23.5611



14.9719, 18.3453, 14.5566



4.4949, 4.9316, 4.6351



10.4436, 16.7462, 2.6819



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.5947, 13.7199, 21.2820



24.3963, 22.2153, 37.7465



16.3088, 14.6036, 21.3623



4.2679, 4.2937, 5.4171



5.3821, 2.3283, 20.4157



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.5252, 19.1455, 14.6289 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 16.5252, 19.1455, 14.6289 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 16.5252, 19.1455, 14.6289

Background



This preview shows how black text looks on a background with the XYZ color 16.5252, 19.1455, 14.6289.



This preview shows how white text looks on a background with the XYZ color 16.5252, 19.1455,

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

16.5252, 19.1455, 14.6289

Protanopia

17.8971, 19.1270, 14.0579

Deuteranopia

19.4096, 19.0058, 14.9574



Tritanopia

18.4744, 19.2084, 23.8530

Trichromacy



Original Color

16.5252, 19.1455, 14.6289

Protanomaly

17.3325, 19.0119, 14.3114

Deuteranomaly

18.2571, 18.9390, 14.7499

Tritanomaly

17.6254, 19.0329, 20.1975

Monochromacy



Original Color

16.5252, 19.1455, 14.6289

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.0981, 18.6265, 18.0233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5252, 19.1455, 14.6289 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(114, 125, 99)` looks like.

```
.text, #text, p{  
    color:rgb(114, 125, 99)  
}
```

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(114, 125, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 125, 99) }
```

Border

The CSS property to change the border of an element to XYZ 16.5252, 19.1455, 14.6289 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(114, 125, 99) }
```


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

```
.border{ border-color:rgb(114, 125, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 125, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 125, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 125, 99);  
box-shadow:4px 4px 4px 4px rgb(114, 125,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5252, 19.1455, 14.6289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 125, 99) }
```

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

```
.background{ background-color: rgb(114,  
125, 99) }
```

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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