

Converting Colors

XYZ(16.5032, 19.6214, 14.2023)

Have a look what the booklet for
XYZ(16.5032, 19.6214, 14.2023)
contains.

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Color

**XYZ(16.5589, 19.7462,
14.2479)**

Conversions

Conversions Part 1

Format	Color
Hex	708061
RGB	112, 128, 97
RGB Percent	44%, 50%, 38%
CMY	0.5608, 0.4980, 0.6196
CMYK	0.13, 0.00, 0.24, 0.50
HSL	91°, 14%, 44%
HSV	91°, 24%, 50%
XYZ	16.5589, 19.7462, 14.2479
YIQ	119.6820, 0.4150, -13.0330

Conversions

Conversions Part 2

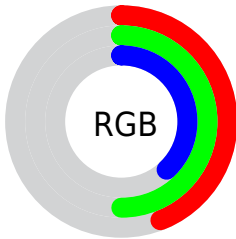
Format	Color
RYB	97, 128, 113
Decimal	7372897
CIELab	51.55, -11.90, 14.93
CIElCh	52, 19.092, 128.575
Yxy	19.7462, 0.3276, 0.3906
Android (android.graphics.Color)	4285562977 (0xFF708061)
YUV	119.6820, -11.1822, -6.7371
Hunter-Lab	44.4367, -11.2479, 12.0953

Details

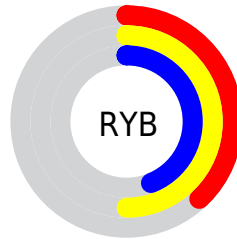
The XYZ color **16.5589, 19.7462, 14.2479** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.9820, 13.6192, 22.2624**, and the grayscale version is **17.7860, 18.7122, 20.3776**.

A 20% lighter version of the original color is **37.1790, 43.0784, 34.3724**, and **5.4861, 6.9122, 4.0627** is the 20% darker color. If you saturate the color by 10%, you get **15.1996, 19.1095, 11.3162**, and if you desaturate by 10%, it is **18.0773, 20.4549, 17.6907**.

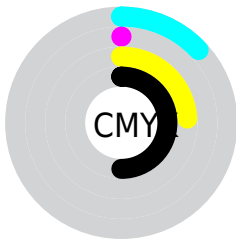
Distribution



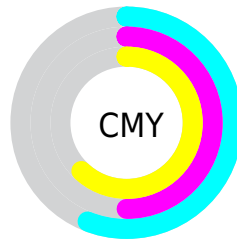
- Red (44%)
- Green (50%)
- Blue (38%)



- Red (38%)
- Yellow (50%)
- Blue (44%)



- Cyan (13%)
- Magenta (0%)
- Yellow (24%)
- Black (50%)



- Cyan (56%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5589, 19.7462, 14.2479 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 16.5589, 19.7462, 14.2479 by changing the saturation by 10% instead.

■ 16.5589, 19.7462,
14.2479

■ 16.5589, 19.7462,
14.2479

225.8236,
250.5378, 230.2494

■ 10.0138, 12.2107,
8.1526

■ 37.1155, 42.9913,
34.2517

■ 5.4705, 6.8873,
4.1036

■ 51.8577, 59.4696,
48.9972

■ 2.5634, 3.3917,
1.6823

■ 70.0630, 79.6977,
67.4632

■ 0.9274, 1.3395,
0.3486

■ 92.0968, 104.0599,
90.0683

■ 0.0000, 0.1715,
0.0000

118.3244,
132.9406, 117.2309

■ 0.0000, 0.0000,
0.0000

149.1111,

166.7242, 149.3696

184.8224,
205.7952, 186.9029

■ 16.5589, 19.7462,
14.2479

■ 16.5589, 19.7462,
14.2479

■ 15.1996, 19.1095,
11.3162

■ 18.0773, 20.4549,
17.6907

■ 13.9919, 18.5399,
8.8699

■ 19.7588, 21.2355,
21.6659

■ 12.9300, 18.0353,
6.8832

■ 21.6092, 22.0911,
26.1955

■ 12.0071, 17.5930,
5.3271

■ 23.6335, 23.0238,
31.2995

■ 11.2154, 17.2097,
4.1695

■ 25.8366, 24.0357,
36.9971

■ 10.5466, 16.8818,
3.3738

■ 28.2230, 25.1288,
43.3067

■ 9.9899, 16.6049,
2.8910

■ 30.7972, 26.3049,
50.2456

■ 9.7017, 16.4610,
2.6660

■ 33.5635, 27.5659,
57.8308

■ 36.5258, 28.9136,
66.0783

Harmonies

Analogous

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



18.2231, 19.7462, 12.6479



16.5589, 19.7462, 14.2479



15.5368, 19.7462, 17.8644

Triad

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



16.5589, 19.7462, 14.2479



17.4515, 19.7462, 32.9218



22.6608, 19.7462, 19.9620

Complementary

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



16.5589, 19.7462, 14.2479



14.9820, 13.6192, 22.2624

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.



22.4191, 19.7462, 25.5987



16.5589, 19.7462, 14.2479



19.3240, 19.7462, 33.7423

Square

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



16.5589, 19.7462, 14.2479



16.0272, 19.7462, 28.7902



21.1657, 19.7462, 30.8715



21.8051, 19.7462, 15.5581

Rectangle

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



16.5589, 19.7462, 14.2479



15.3139, 19.7462, 21.2383



21.1657, 19.7462, 30.8715



22.7063, 19.7462, 21.7644

Sweetspot

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



16.5594, 19.7471, 14.2483



33.8853, 36.9686, 35.9860



16.9101, 17.1520, 13.7290



7.9019, 8.6407, 8.3502



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.5594, 19.7471, 14.2483



27.8158, 34.1393, 22.1643



14.8072, 18.8438, 14.1663



4.4586, 4.9128, 4.6334



9.6210, 16.3222, 2.6434



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.9820, 13.6192, 22.2624



24.5416, 21.4209, 38.7974



17.0739, 14.6977, 22.3603



4.3040, 4.3123, 5.4188



6.0978, 2.6972, 20.4492



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.5589, 19.7462, 14.2479 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 16.5589, 19.7462, 14.2479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

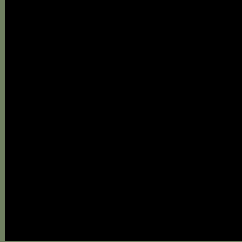
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

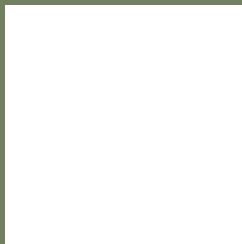
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.5589, 19.7462, 14.2479

Background



This preview shows how black text looks on a background with the XYZ color 16.5589, 19.7462, 14.2479.



This preview shows how white text looks on a background with the XYZ color 16.5589, 19.7462,

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

16.5589, 19.7462, 14.2479

Protanopia

18.3400, 19.5525, 13.3971

Deuteranopia

20.0583, 19.6974, 14.5492



Tritanopia

18.6527, 19.6413, 24.9983

Trichromacy



Original Color

16.5589, 19.7462, 14.2479

Protanomaly

17.5854, 19.5266, 13.6686

Deuteranomaly

18.6799, 19.7064, 14.3745

Tritanomaly

17.7940, 19.6681, 20.6278

Monochromacy



Original Color

16.5589, 19.7462, 14.2479

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.3437, 19.1177, 18.1052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5589, 19.7462, 14.2479 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(112, 128, 97)` looks like.

```
.text, #text, p{  
    color:rgb(112, 128, 97)  
}
```

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(112, 128, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 128, 97) }
```

Border

The CSS property to change the border of an element to XYZ 16.5589, 19.7462, 14.2479 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(112, 128, 97) }
```


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

```
.border{ border-color:rgb(112, 128, 97) }
```

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

Here you see how a box with a 4 pixel rgb(112, 128, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 128, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 128, 97);  
box-shadow:4px 4px 4px 4px rgb(112, 128,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5589, 19.7462, 14.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 128, 97) }
```

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

```
.background{ background-color: rgb(112,  
128, 97) }
```

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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