

Converting Colors

XYZ(16.2082, 19.1531, 14.9358)

Have a look what the booklet for
XYZ(16.2082, 19.1531, 14.9358)
contains.

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Color

**XYZ(16.1915, 19.1568,
14.9008)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7E64
RGB	110, 126, 100
RGB Percent	43%, 49%, 39%
CMY	0.5686, 0.5059, 0.6078
CMYK	0.13, 0.00, 0.21, 0.51
HSL	97°, 12%, 44%
HSV	97°, 21%, 49%
XYZ	16.1915, 19.1568, 14.9008
YIQ	118.2520, -1.1900, -11.4780

Conversions

Conversions Part 2

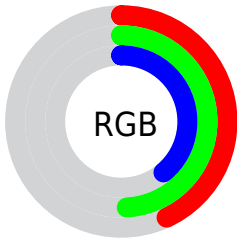
Format	Color
RYB	100, 126, 116
Decimal	7241316
CIELab	50.87, -11.06, 12.23
CIELCh	51, 16.487, 132.127
Yxy	19.1568, 0.3222, 0.3812
Android (android.graphics.Color)	4285431396 (0xFF6E7E64)
YUV	118.2520, -8.9982, -7.2370
Hunter-Lab	43.7685, -10.5614, 10.4529

Details

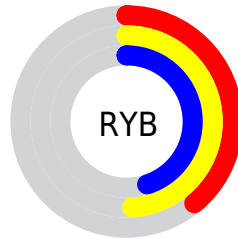
The XYZ color **16.1915, 19.1568, 14.9008** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5263, 14.3342, 21.6881**, and the grayscale version is **17.3269, 18.2293, 19.8517**.

A 20% lighter version of the original color is **36.6063, 42.1559, 35.4857**, and **5.2831, 6.5889, 4.3615** is the 20% darker color. If you saturate the color by 10%, you get **14.7054, 18.4563, 11.8903**, and if you desaturate by 10%, it is **17.8575, 19.9402, 18.4130**.

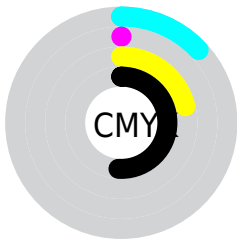
Distribution



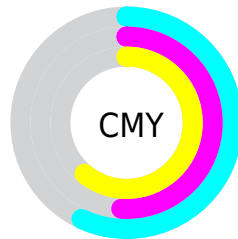
- Red (43%)
- Green (49%)
- Blue (39%)



- Red (39%)
- Yellow (49%)
- Blue (45%)



- Cyan (13%)
- Magenta (0%)
- Yellow (21%)
- Black (51%)



- Cyan (57%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1915, 19.1568, 14.9008 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 16.1915, 19.1568, 14.9008 by changing the saturation by 10% instead.

■ 16.1915, 19.1568,
14.9008

■ 16.1915, 19.1568,
14.9008

223.7173,
247.3130, 234.3851

■ 9.7515, 11.7836,
8.6039

■ 36.4851, 41.9989,
35.4189

■ 5.2955, 6.5965,
4.3905

■ 51.0694, 58.2366,
50.4772

■ 2.4582, 3.2111,
1.8419

■ 69.0991, 78.1979,
69.2931

■ 0.8742, 1.2429,
0.4554

■ 90.9397, 102.2673,
92.2851

■ 0.0000, 0.0963,
0.0000

116.9565,
130.8291, 119.8718

■ 0.0000, 0.0000,
0.0000

147.5147,

164.2677, 152.4716

182.9799,
202.9676, 190.5032

■ 16.1915, 19.1568,
14.9008

■ 16.1915, 19.1568,
14.9008

■ 14.7054, 18.4563,
11.8903

■ 17.8575, 19.9402,
18.4130

■ 13.3911, 17.8335,
9.3573

■ 19.7079, 20.8067,
22.4470

■ 12.2422, 17.2861,
7.2776

■ 21.7490, 21.7598,
27.0234

■ 11.2513, 16.8108,
5.6243

■ 23.9865, 22.8019,
32.1612

■ 10.4104, 16.4043,
4.3679

■ 26.4255, 23.9352,
37.8787

■ 9.7105, 16.0625,
3.4747

■ 29.0712, 25.1621,
44.1931

■ 9.1416, 15.7812,
2.9057

■ 31.9286, 26.4847,
51.1211

■ 8.7018, 15.5620,
2.5451

■ 35.0022, 27.9052,
58.6786

■ 38.2968, 29.4255,
66.8810

Harmonies

Analogous

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



17.5594, 19.1568, 13.2759



16.1915, 19.1568, 14.9008



15.3932, 19.1568, 18.2309

Triad

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



16.1915, 19.1568, 14.9008



17.2657, 19.1568, 30.5867



21.4368, 19.1568, 19.0346

Complementary

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



16.1915, 19.1568, 14.9008



15.5263, 14.3342, 21.6881

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.



21.3465, 19.1568, 23.7272



16.1915, 19.1568, 14.9008



18.8723, 19.1568, 30.8874

Square

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



16.1915, 19.1568, 14.9008



15.9875, 19.1568, 27.4550



20.3853, 19.1568, 28.2240



20.6250, 19.1568, 15.4135

Rectangle

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



16.1915, 19.1568, 14.9008



15.2607, 19.1568, 21.1924



20.3853, 19.1568, 28.2240



21.5122, 19.1568, 20.5282

Sweetspot

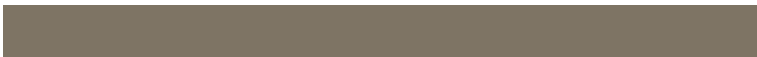
The Sweet Spot groups the original color and five complimentary colors.



16.1920, 19.1576, 14.9012



32.8548, 35.7645, 35.4856



17.1046, 17.7552, 14.5824



7.4367, 8.1180, 7.9920



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.



16.1920, 19.1576, 14.9012



27.1666, 33.0915, 23.4980



15.1451, 18.6031, 15.5198



4.4203, 4.8931, 4.6316



8.9223, 15.9620, 2.6107



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.5263, 14.3342, 21.6881



25.7618, 22.9193, 37.8104



16.7623, 14.9905, 20.8814



4.3429, 4.3324, 5.4206



7.0438, 3.1849, 20.4934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.1915, 19.1568, 14.9008 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 16.1915, 19.1568, 14.9008 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 16.1915, 19.1568, 14.9008

Background



This preview shows how black text looks on a background with the XYZ color 16.1915, 19.1568, 14.9008.



This preview shows how white text looks on a background with the XYZ color 16.1915, 19.1568,

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

16.1915, 19.1568, 14.9008

Protanopia

17.8971, 19.1270, 14.0579

Deuteranopia

19.2911, 18.9391, 15.2092



Tritanopia

18.1265, 19.2026, 24.2238

Trichromacy



Original Color

16.1915, 19.1568, 14.9008

Protanomaly

17.1727, 19.1127, 14.3393

Deuteranomaly

17.9675, 18.9617, 15.0249

Tritanomaly

17.2832, 19.0327, 20.5321

Monochromacy



Original Color

16.1915, 19.1568, 14.9008

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.7768, 18.4673, 17.7192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1915, 19.1568, 14.9008 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(110, 126, 100)` looks like.

```
.text, #text, p{  
    color:rgb(110, 126, 100)  
}
```

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(110, 126, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 126, 100) }
```

Border

The CSS property to change the border of an element to XYZ 16.1915, 19.1568, 14.9008 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(110, 126, 100) }
```


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

```
.border{ border-color:rgb(110, 126, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 126, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 126, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 126, 100);  
box-shadow:4px 4px 4px 4px rgb(110, 126,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1915, 19.1568, 14.9008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 126, 100) }
```

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

```
.background{ background-color: rgb(110,  
126, 100) }
```

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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