

Converting Colors

XYZ(15.7686, 19.4251, 19.1380)

Have a look what the booklet for
XYZ(15.7686, 19.4251, 19.1380)
contains.

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Color

**XYZ(15.7686, 19.4251,
19.1380)**

Conversions

Conversions Part 1

Format	Color
Hex	608173
RGB	96, 129, 115
RGB Percent	38%, 51%, 45%
CMY	0.6235, 0.4941, 0.5490
CMYK	0.26, 0.00, 0.11, 0.49
HSL	155°, 15%, 44%
HSV	155°, 26%, 51%
XYZ	15.7686, 19.4251, 19.1380
YIQ	117.5370, -15.1740, -11.3500

Conversions

Conversions Part 2

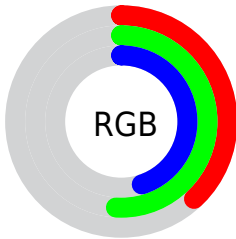
Format	Color
R_{YB}	96, 117, 129
Decimal	6324595
CIE _{Lab}	51.18, -14.83, 3.80
CIE _{LCh}	51, 15.311, 165.641
Yxy	19.4251, 0.2902, 0.3575
Android (android.graphics.Color)	4284514675 (0xFF608173)
YUV	117.5370, -1.2507, -18.8879
Hunter-Lab	44.0739, -13.2663, 5.1065

Details

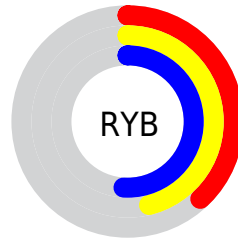
The XYZ color **15.7686, 19.4251, 19.1380** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.0512, 14.1591, 16.6395**, and the grayscale version is **17.0829, 17.9725, 19.5721**.

A 20% lighter version of the original color is **35.7356, 42.4490, 42.8692**, and **5.1007, 6.7709, 6.3483** is the 20% darker color. If you saturate the color by 10%, you get **14.2156, 18.6603, 17.4700**, and if you desaturate by 10%, it is **17.5641, 20.3138, 20.9158**.

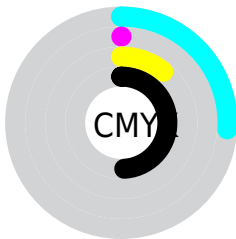
Distribution



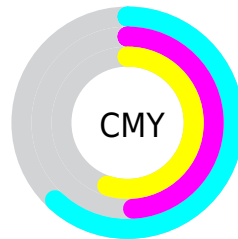
- Red (38%)
- Green (51%)
- Blue (45%)



- Red (38%)
- Yellow (46%)
- Blue (51%)



- Cyan (26%)
- Magenta (0%)
- Yellow (11%)
- Black (49%)



- Cyan (62%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7686, 19.4251, 19.1380 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 15.7686, 19.4251, 19.1380 by changing the saturation by 10% instead.

■ 15.7686, 19.4251,
19.1380

■ 15.7686, 19.4251,
19.1380

221.2697,
248.7856, 259.6576

■ 9.4504, 11.9778,
11.5922

■ 35.7567, 42.4512,
42.8070

■ 5.0955, 6.7286,
6.3475

■ 50.1573, 58.7988,
59.7672

■ 2.3388, 3.2930,
2.9853

■ 67.9827, 78.8820,
80.7027

■ 0.8144, 1.2865,
1.0871

■ 89.5983, 103.0852,
106.0320

■ 0.0000, 0.1307,
0.0000

115.3695,
131.7928, 136.1736

■ 0.0000, 0.0000,
0.0000

145.6615,

165.3891, 171.5460

180.8398,
204.2586, 212.5678

■ 15.7686, 19.4251,
19.1380

■ 15.7686, 19.4251,
19.1380

■ 14.2156, 18.6603,
17.4700

■ 17.5641, 20.3138,
20.9158

■ 12.8923, 18.0114,
15.9083

■ 19.6110, 21.3293,
22.8042

■ 11.7873, 17.4728,
14.4511

■ 21.9196, 22.4775,
24.8058

■ 10.8872, 17.0378,
13.0959

■ 24.4992, 23.7632,
26.9225

■ 10.1772, 16.6989,
11.8403

■ 27.3585, 25.1907,
29.1562

■ 9.6406, 16.4474,
10.6816

■ 30.5060, 26.7645,
31.5089

■ 9.2505, 16.2695,
9.6165

■ 33.9496, 28.4886,
33.9823

■ 9.0958, 16.1993,
9.1739

■ 37.6972, 30.3669,
36.5783

■ 41.7561, 32.4034,
39.2987

Harmonies

Analogous

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



16.4472, 19.4251, 15.8117



15.7686, 19.4251, 19.1380



15.7839, 19.4251, 23.4936

Triad

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



15.7686, 19.4251, 19.1380



19.2639, 19.4251, 30.2994



20.5872, 19.4251, 15.7026

Complementary

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



15.7686, 19.4251, 19.1380



16.0512, 14.1591, 16.6395

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.



21.4293, 19.4251, 18.9689



15.7686, 19.4251, 19.1380



20.6371, 19.4251, 27.5735

Square

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



15.7686, 19.4251, 19.1380



17.7462, 19.4251, 30.3612



21.4480, 19.4251, 23.2996



19.1988, 19.4251, 14.0212

Rectangle

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



15.7686, 19.4251, 19.1380



16.1837, 19.4251, 26.4243



21.4480, 19.4251, 23.2996



20.9468, 19.4251, 16.6299

Sweetspot

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



15.7691, 19.4259, 19.1384



34.1182, 37.6981, 39.9352



16.4300, 19.8802, 14.0378



7.6109, 8.4774, 8.9374



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.



15.7691, 19.4259, 19.1384



26.4786, 33.9183, 32.4127



16.3505, 19.1997, 23.6140



4.3717, 4.8570, 5.1284



8.8702, 15.7947, 8.9553



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.0512, 14.1591, 16.6395



27.0789, 22.7205, 27.1027



15.5515, 14.2849, 13.0041



4.3976, 4.3722, 4.8982



9.4951, 4.8177, 3.9311



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.7686, 19.4251, 19.1380 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 15.7686, 19.4251, 19.1380 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 15.7686, 19.4251, 19.1380

Background



This preview shows how black text looks on a background with the XYZ color 15.7686, 19.4251, 19.1380.

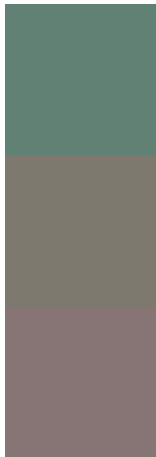


This preview shows how white text looks on a background with the XYZ color 15.7686, 19.4251,

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

15.7686, 19.4251, 19.1380

Protanopia

18.3108, 19.2581, 17.7910

Deuteranopia

19.5638, 19.1578, 19.4963



Tritanopia

17.1603, 19.4086, 26.1343

Trichromacy



Original Color

15.7686, 19.4251, 19.1380

Protanomaly

17.2025, 19.2300, 18.1343

Deuteranomaly

17.8749, 19.0006, 19.2484

Tritanomaly

16.6312, 19.3899, 23.2881

Monochromacy



Original Color

15.7686, 19.4251, 19.1380

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.6008, 18.5184, 19.5291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7686, 19.4251, 19.1380 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(96, 129, 115) looks like.

```
.text, #text, p{  
    color:rgb(96, 129, 115)  
}
```

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(96, 129, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 129, 115) }
```

Border

The CSS property to change the border of an element to XYZ 15.7686, 19.4251, 19.1380 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(96, 129, 115) }
```


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

```
.border{ border-color:rgb(96, 129, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 129, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 129, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 129, 115);  
box-shadow:4px 4px 4px 4px rgb(96, 129,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7686, 19.4251, 19.1380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 129, 115) }
```

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

```
.background{ background-color: rgb(96, 129,  
115) }
```

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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