

Converting Colors

XYZ(19.7030, 19.3164, 7.1045)

Have a look what the booklet for
XYZ(19.7030, 19.3164, 7.1045)
contains.

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Color

**XYZ(19.6654, 19.3117,
7.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	96743D
RGB	150, 116, 61
RGB Percent	59%, 45%, 24%
CMY	0.4118, 0.5451, 0.7608
CMYK	0.00, 0.23, 0.59, 0.41
HSL	37°, 42%, 41%
HSV	37°, 59%, 59%
XYZ	19.6654, 19.3117, 7.1059
YIQ	119.8960, 37.9190, -9.8970

Conversions

Conversions Part 2

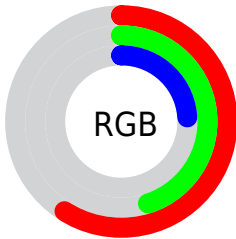
Format	Color
R_{YB}	116, 150, 61
Decimal	9860157
CIE _{Lab}	51.05, 6.72, 35.08
CIE _{LCh}	51, 35.719, 79.157
Yxy	19.3117, 0.4267, 0.4191
Android (android.graphics.Color)	4288050237 (0xFF96743D)
YUV	119.8960, -29.0357, 26.4012
Hunter-Lab	43.9451, 2.9748, 21.1744

Details

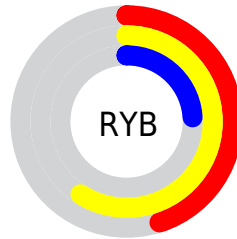
The XYZ color **19.6654, 19.3117, 7.1059** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.5216, 11.3781, 30.4431**, and the grayscale version is **17.9011, 18.8334, 20.5096**.

A 20% lighter version of the original color is **42.2707, 42.2529, 20.6796**, and **6.9703, 6.6527, 1.3322** is the 20% darker color. If you saturate the color by 10%, you get **18.6764, 17.8924, 5.0541**, and if you desaturate by 10%, it is **20.8091, 20.8596, 9.7673**.

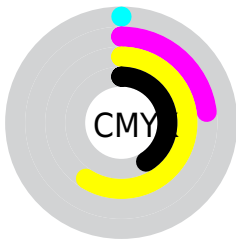
Distribution



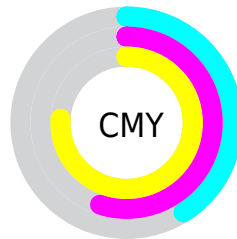
- Red (59%)
- Green (45%)
- Blue (24%)



- Red (45%)
- Yellow (59%)
- Blue (24%)



- Cyan (0%)
- Magenta (23%)
- Yellow (59%)
- Black (41%)





- Cyan (41%)
- Magenta (55%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.6654, 19.3117, 7.1059 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 19.6654, 19.3117, 7.1059 by changing the saturation by 10% instead.


 19.6654, 19.3117,
7.1059


 19.6654, 19.3117,
7.1059

242.9662,
248.1642, 178.2050


 12.2589, 11.8957,
3.4490


 42.3637, 42.2601,
20.7024


 6.9937, 6.6727,
1.3282


 58.3863, 58.5614,
31.4791


 3.5045, 3.2583,
0.0847

 78.0115, 78.5932,
45.4661

 1.4258, 1.2680,
0.0000

 101.6049,
102.7399, 63.0820

 0.2745, 0.1162,
0.0000

 129.5317,
131.3860, 84.7453

 0.0000, 0.0000,
0.0000

 162.1572,

164.9158, 110.8745

199.8469,
203.7137, 141.8882

■ 19.6654, 19.3117,
7.1059

■ 19.6654, 19.3117,
7.1059

■ 18.6764, 17.8924,
5.0541

■ 20.8091, 20.8596,
9.7673

■ 17.8303, 16.5935,
3.5595

■ 22.1154, 22.5381,
13.0825

■ 17.1155, 15.4100,
2.5626

■ 23.5933, 24.3527,
17.0931

■ 16.5050, 14.3298,
1.9248

■ 25.2504, 26.3075,
21.8366

■ 16.4659, 14.2606,
1.8847

■ 27.0941, 28.4065,
27.3481

■ 29.1312, 30.6534,
33.6601

■ 31.3681, 33.0519,
40.8034

■ 33.8109, 35.6054,
48.8073

■ 36.4654, 38.3171,
57.6994

Harmonies

Analogous

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



23.1754, 19.3117, 9.4603



19.6654, 19.3117, 7.1059



16.2112, 19.3117, 7.4667

Triad

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



19.6654, 19.3117, 7.1059



12.6478, 19.3117, 28.0937



24.0000, 19.3117, 36.5229

Complementary

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



19.6654, 19.3117, 7.1059



11.5216, 11.3781, 30.4431

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.



20.6803, 19.3117, 45.3348



19.6654, 19.3117, 7.1059



14.2545, 19.3117, 39.4870

Square

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



19.6654, 19.3117, 7.1059



12.4496, 19.3117, 17.5697



17.1045, 19.3117, 46.5665



25.8834, 19.3117, 24.9108

Rectangle

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



19.6654, 19.3117, 7.1059



14.3844, 19.3117, 9.2456



17.1045, 19.3117, 46.5665



22.9967, 19.3117, 40.0506

Sweetspot

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



19.6659, 19.3126, 7.1063



44.8648, 46.7777, 39.4271



16.3174, 10.6500, 12.0501



9.7613, 10.1563, 8.2074



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.6659, 19.3126, 7.1063



32.4758, 30.8509, 8.0105



22.4995, 27.6919, 8.5743



6.0812, 6.3762, 6.1507



13.6881, 11.8906, 1.5737



0.1961, 0.2027, 0.0288

Inverse Universe

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



11.5216, 11.3781, 30.4431



16.8007, 15.6193, 53.0506



9.8007, 6.8938, 29.6683



5.6703, 5.9745, 7.3241



5.8207, 4.3361, 24.4612



0.0982, 0.1069, 0.3084

Previews

White Background



This preview shows how the XYZ color 19.6654, 19.3117, 7.1059 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 19.6654, 19.3117, 7.1059 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 19.6654, 19.3117, 7.1059

Background



This preview shows how black text looks on a background with the XYZ color 19.6654, 19.3117, 7.1059.



This preview shows how white text looks on a background with the XYZ color 19.6654, 19.3117,

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

19.6654, 19.3117, 7.1059

Protanopia

17.6883, 19.3463, 7.5046

Deuteranopia

19.6654, 19.3117, 7.1059



Tritanopia

22.3635, 19.4284, 19.7109

Trichromacy



Original Color

19.6654, 19.3117, 7.1059

Protanomaly

18.4012, 19.3562, 7.3237

Deuteranomaly

19.6654, 19.3117, 7.1059

Tritanomaly

21.0887, 19.2237, 13.9083

Monochromacy



Original Color

19.6654, 19.3117, 7.1059

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.2090, 18.9198, 14.4965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6654, 19.3117, 7.1059 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(150, 116, 61)` looks like.

```
.text, #text, p{  
    color:rgb(150, 116, 61)  
}
```

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(150, 116, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 116, 61) }
```

Border

The CSS property to change the border of an element to XYZ 19.6654, 19.3117, 7.1059 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(150, 116, 61) }
```


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

```
.border{ border-color:rgb(150, 116, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 116, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 116, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 116, 61);  
box-shadow:4px 4px 4px 4px rgb(150, 116,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6654, 19.3117, 7.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 116, 61) }
```

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

```
.background{ background-color: rgb(150,  
116, 61) }
```

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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