

Converting Colors

XYZ(15.9322, 19.4029, 6.0123)

Have a look what the booklet for
XYZ(15.9322, 19.4029, 6.0123)
contains.

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Color

**XYZ(15.9326, 19.4108,
6.0389)**

Conversions

Conversions Part 1

Format	Color
Hex	787F33
RGB	120, 127, 51
RGB Percent	47%, 50%, 20%
CMY	0.5294, 0.5019, 0.8000
CMYK	0.06, 0.00, 0.60, 0.50
HSL	66°, 43%, 35%
HSV	66°, 60%, 50%
XYZ	15.9326, 19.4108, 6.0389
YIQ	116.2430, 20.2240, -25.1200

Conversions

Conversions Part 2

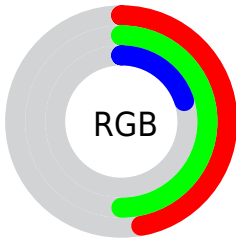
Format	Color
R_{YB}	51, 127, 58
Decimal	7896883
CIE _{Lab}	51.16, -13.81, 39.53
CIE _{LCh}	51, 41.873, 109.261
Yxy	19.4108, 0.3850, 0.4691
Android (android.graphics.Color)	4286086963 (0xFF787F33)
YUV	116.2430, -32.1648, 3.2949
Hunter-Lab	44.0577, -12.5499, 22.7136

Details

The XYZ color **15.9326, 19.4108, 6.0389** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **6.7602, 4.8000, 20.6500**, and the grayscale version is **16.7668, 17.6400, 19.2100**.

A 20% lighter version of the original color is **36.1258, 42.5808, 18.6268**, and **5.1786, 6.7140, 1.0230** is the 20% darker color. If you saturate the color by 10%, you get **15.5289, 19.2314, 4.7529**, and if you desaturate by 10%, it is **16.4158, 19.6236, 7.7288**.

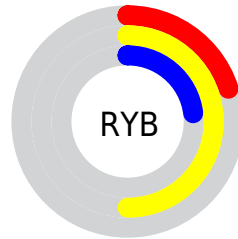
Distribution



Red (47%)

Green (50%)

Blue (20%)



Red (20%)

Yellow (50%)

Blue (23%)

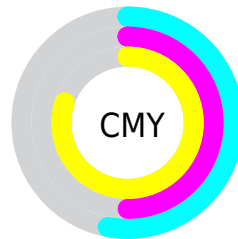


Cyan (6%)

Magenta (0%)

Yellow (60%)

Black (50%)



Cyan (53%)

Magenta (50%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9326, 19.4108, 6.0389 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 15.9326, 19.4108, 6.0389 by changing the saturation by 10% instead.

■ 15.9326, 19.4108,
6.0389

■ 15.9326, 19.4108,
6.0389

222.2219,
248.7073, 168.7360

■ 9.5670, 11.9675,
2.7996

■ 36.0395, 42.4271,
18.4906

■ 5.1729, 6.7215,
0.9932

■ 50.5116, 58.7689,
28.5401

■ 2.3849, 3.2886,
0.0000

■ 68.4166, 78.8456,
41.6968

■ 0.8376, 1.2842,
0.0000

■ 90.1198, 103.0417,
58.3791

■ 0.0000, 0.1289,
0.0000

■ 115.9865,
131.7415, 79.0056

■ 0.0000, 0.0000,
0.0000

■ 146.3822,

165.3295, 103.9949

181.6722,
204.1899, 133.7655

■ 15.9326, 19.4108,
6.0389

■ 15.9326, 19.4108,
6.0389

■ 15.5289, 19.2314,
4.7529

■ 16.4158, 19.6236,
7.7288

■ 15.1968, 19.0801,
3.8360

■ 16.9827, 19.8695,
9.8513

■ 14.9294, 18.9550,
3.2493

■ 17.6390, 20.1513,
12.4339

■ 14.7030, 18.8465,
2.8686

■ 18.3893, 20.4710,
15.5015

■ 14.6995, 18.8448,
2.8627

■ 19.2381, 20.8304,
19.0771

■ 20.1896, 21.2310,
23.1825

■ 21.2474, 21.6744,
27.8378

■ 22.4155, 22.1621,
33.0625

■ 23.6971, 22.6955,
38.8749

Harmonies

Analogous

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



19.9816, 19.4108, 5.6644



15.9326, 19.4108, 6.0389



13.0242, 19.4108, 9.4257

Triad

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



15.9326, 19.4108, 6.0389



13.7026, 19.4108, 43.7007



27.4853, 19.4108, 25.7015

Complementary

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



15.9326, 19.4108, 6.0389



6.7602, 4.8000, 20.6500

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.



25.2041, 19.4108, 39.9062



15.9326, 19.4108, 6.0389



16.9975, 19.4108, 52.6106

Square

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



15.9326, 19.4108, 6.0389



11.8770, 19.4108, 29.6360



21.2182, 19.4108, 51.0076



27.0856, 19.4108, 14.4383

Rectangle

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



15.9326, 19.4108, 6.0389



11.9297, 19.4108, 14.0115



21.2182, 19.4108, 51.0076



26.9945, 19.4108, 30.3377

Sweetspot

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



15.9331, 19.4117, 6.0393



33.1331, 36.7434, 28.6068



10.8303, 7.7109, 4.0498



7.6731, 8.5668, 6.3475



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.



15.9331, 19.4117, 6.0393



27.5621, 34.3262, 7.8003



11.7256, 17.2427, 5.8424



4.6275, 4.9999, 4.6413



14.8234, 19.0041, 2.8869



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.7602, 4.8000, 20.6500



9.5638, 5.6121, 36.5354



9.7692, 6.3512, 20.7908



4.1428, 4.2292, 5.4112



4.0116, 1.6217, 20.3515



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9326, 19.4108, 6.0389 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 15.9326, 19.4108, 6.0389 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 15.9326, 19.4108, 6.0389

Background



This preview shows how black text looks on a background with the XYZ color 15.9326, 19.4108, 6.0389.



This preview shows how white text looks on a background with the XYZ color 15.9326, 19.4108,

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

15.9326, 19.4108, 6.0389

Protanopia

17.6886, 19.3836, 5.8267

Deuteranopia

19.6737, 19.3364, 6.1854



Tritanopia

19.3952, 19.3414, 23.1331

Trichromacy



Original Color

15.9326, 19.4108, 6.0389

Protanomaly

16.9893, 19.3914, 5.8651

Deuteranomaly

18.1743, 19.2654, 6.1289

Tritanomaly

17.7172, 19.1991, 14.8286

Monochromacy



Original Color

15.9326, 19.4108, 6.0389

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.9844, 17.9876, 12.7547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9326, 19.4108, 6.0389 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(120, 127, 51)` looks like.

```
.text, #text, p{  
    color:rgb(120, 127, 51)  
}
```

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(120, 127, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 127, 51) }
```

Border

The CSS property to change the border of an element to XYZ 15.9326, 19.4108, 6.0389 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(120, 127, 51) }
```


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

```
.border{ border-color:rgb(120, 127, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 127, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 127, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 127, 51);  
box-shadow:4px 4px 4px 4px rgb(120, 127,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9326, 19.4108, 6.0389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 127, 51) }
```

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

```
.background{ background-color: rgb(120,  
127, 51) }
```

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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