

Converting Colors

XYZ(15.4115, 19.0144, 9.9189)

Have a look what the booklet for
XYZ(15.4115, 19.0144, 9.9189)
contains.

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Color

**XYZ(15.4845, 19.0941,
9.8906)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7F4D
RGB	111, 127, 77
RGB Percent	44%, 50%, 30%
CMY	0.5647, 0.5019, 0.6980
CMYK	0.13, 0.00, 0.39, 0.50
HSL	79°, 25%, 40%
HSV	79°, 39%, 50%
XYZ	15.4845, 19.0941, 9.8906
YIQ	116.5160, 6.5140, -18.9420

Conversions

Conversions Part 2

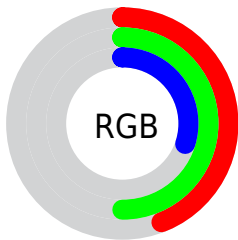
Format	Color
R_{YB}	77, 127, 93
Decimal	7307085
CIE Lab	50.80, -14.84, 25.26
CIE LCh	51, 29.298, 120.429
Yxy	19.0941, 0.3482, 0.4294
Android (android.graphics.Color)	4285497165 (0xFF6F7F4D)
YUV	116.5160, -19.4814, -4.8375
Hunter-Lab	43.6968, -13.2157, 17.1677

Details

The XYZ color **15.4845, 19.0941, 9.8906** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.9996, 9.1677, 21.2696**, and the grayscale version is **16.8162, 17.6919, 19.2665**.

A 20% lighter version of the original color is **35.2563, 41.9614, 26.3198**, and **4.9583, 6.5718, 2.3035** is the 20% darker color. If you saturate the color by 10%, you get **14.5795, 18.6750, 7.7318**, and if you desaturate by 10%, it is **16.5014, 19.5619, 12.5126**.

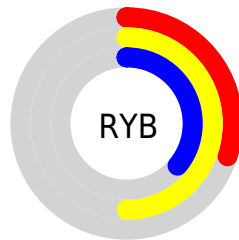
Distribution



Red (44%)

Green (50%)

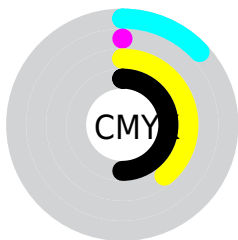
Blue (30%)



Red (30%)

Yellow (50%)

Blue (36%)

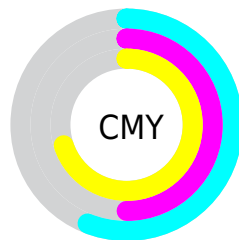


Cyan (13%)

Magenta (0%)

Yellow (39%)

Black (50%)



Cyan (56%)

Magenta (50%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4845, 19.0941, 9.8906 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 15.4845, 19.0941, 9.8906 by changing the saturation by 10% instead.

■ 15.4845, 19.0941,
9.8906

■ 15.4845, 19.0941,
9.8906

219.6110,
246.9678, 200.3458

■ 9.2486, 11.7383,
5.2218

■ 35.2656, 41.8930,
26.1941

■ 4.9621, 6.5657,
2.3170

■ 49.5416, 58.1050,
38.6659

■ 2.2596, 3.1920,
0.7407

■ 67.2284, 78.0377,
54.5759

■ 0.7739, 1.2328,
0.0000

■ 88.6913, 102.0757,
74.3424

■ 0.0000, 0.0882,
0.0000

■ 114.2956,
130.6033, 98.3842

■ 0.0000, 0.0000,
0.0000

144.4068,

164.0049, 127.1196

179.3901,
202.6649, 160.9673

■ 15.4845, 19.0941,
9.8906

■ 15.4845, 19.0941,
9.8906

■ 14.5795, 18.6750,
7.7318

■ 16.5014, 19.5619,
12.5126

■ 13.7794, 18.2999,
6.0079

■ 17.6336, 20.0780,
15.6212

■ 13.0788, 17.9671,
4.6895

■ 18.8864, 20.6450,
19.2401

■ 12.4710, 17.6741,
3.7432

■ 20.2641, 21.2649,
23.3906

■ 11.9483, 17.4177,
3.1301

■ 21.7709, 21.9391,
28.0931

■ 11.4885, 17.1889,
2.7353

■ 23.4107, 22.6694,
33.3669

■ 11.4604, 17.1750,
2.7111

■ 25.1872, 23.4573,
39.2303

■ 27.1041, 24.3042,
45.7008

■ 29.1647, 25.2116,
52.7952

Harmonies

Analogous

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



18.1069, 19.0941, 8.6178



15.4845, 19.0941, 9.8906



13.7436, 19.0941, 13.9019

Triad

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



15.4845, 19.0941, 9.8906



15.5493, 19.0941, 37.8690



24.2713, 19.0941, 20.6715

Complementary

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



15.4845, 19.0941, 9.8906



10.9996, 9.1677, 21.2696

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.



23.4060, 19.0941, 29.6446



15.4845, 19.0941, 9.8906



18.1899, 19.0941, 41.0351

Square

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



15.4845, 19.0941, 9.8906



13.7782, 19.0941, 29.9063



21.1015, 19.0941, 37.6919



23.3569, 19.0941, 13.7450

Rectangle

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



15.4845, 19.0941, 9.8906



13.2151, 19.0941, 18.2622



21.1015, 19.0941, 37.6919



24.1780, 19.0941, 23.5414

Sweetspot

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



15.4850, 19.0949, 9.8910



33.1426, 36.6629, 32.4669



13.9924, 12.8480, 8.7639



7.7042, 8.5587, 7.4401



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.



15.4850, 19.0949, 9.8910



26.2994, 33.5304, 14.2853



12.7827, 17.7019, 9.7645



4.5357, 4.9526, 4.6370



11.5561, 17.3198, 2.7340



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.9996, 9.1677, 21.2696



17.1190, 13.1946, 37.6008



13.9340, 10.6805, 21.4069



4.2284, 4.2733, 5.4152



4.7702, 2.0128, 20.3870



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4845, 19.0941, 9.8906 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 15.4845, 19.0941, 9.8906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

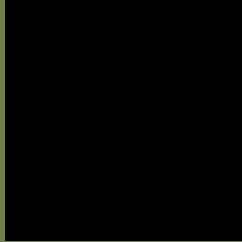
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.4845, 19.0941, 9.8906

Background



This preview shows how black text looks on a background with the XYZ color 15.4845, 19.0941, 9.8906.



This preview shows how white text looks on a background with the XYZ color 15.4845, 19.0941,

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

15.4845, 19.0941, 9.8906

Protanopia

17.6231, 19.0883, 9.4122

Deuteranopia

19.2558, 18.8604, 10.2149



Tritanopia

18.3379, 19.1380, 23.8466

Trichromacy



Original Color

15.4845, 19.0941, 9.8906

Protanomaly

16.6996, 18.9728, 9.6194

Deuteranomaly

17.6810, 18.7447, 10.0833

Tritanomaly

17.0224, 18.9585, 17.8011

Monochromacy



Original Color

15.4845, 19.0941, 9.8906

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.3059, 18.2789, 15.2391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4845, 19.0941, 9.8906 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(111, 127, 77)` looks like.

```
.text, #text, p{  
    color:rgb(111, 127, 77)  
}
```

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(111, 127, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 127, 77) }
```

Border

The CSS property to change the border of an element to XYZ 15.4845, 19.0941, 9.8906 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(111, 127, 77) }
```


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

```
.border{ border-color:rgb(111, 127, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 127, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 127, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 127, 77);  
box-shadow:4px 4px 4px 4px rgb(111, 127,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4845, 19.0941, 9.8906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 127, 77) }
```

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

```
.background{ background-color: rgb(111,  
127, 77) }
```

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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