

Converting Colors

XYZ(16.0760, 19.2211, 11.2815)

Have a look what the booklet for
XYZ(16.0760, 19.2211, 11.2815)
contains.

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Color

**XYZ(16.0005, 19.1392,
11.2384)**

Conversions

Conversions Part 1

Format	Color
Hex	727E54
RGB	114, 126, 84
RGB Percent	45%, 49%, 33%
CMY	0.5529, 0.5059, 0.6706
CMYK	0.10, 0.00, 0.33, 0.51
HSL	77°, 20%, 41%
HSV	77°, 33%, 49%
XYZ	16.0005, 19.1392, 11.2384
YIQ	117.6240, 6.3300, -15.6060

Conversions

Conversions Part 2

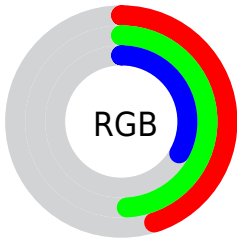
Format	Color
R_{YB}	84, 126, 96
Decimal	7503444
CIE _{Lab}	50.85, -12.07, 21.44
CIE _{LCh}	51, 24.603, 119.366
Yxy	19.1392, 0.3450, 0.4127
Android (android.graphics.Color)	4285693524 (0xFF727E54)
YUV	117.6240, -16.5766, -3.1782
Hunter-Lab	43.7484, -11.2752, 15.3930

Details

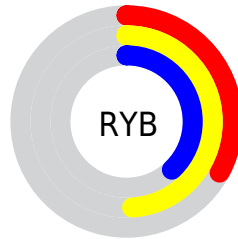
The XYZ color **16.0005, 19.1392, 11.2384** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.7608, 10.3343, 21.1146**, and the grayscale version is **17.1515, 18.0447, 19.6507**.

A 20% lighter version of the original color is **36.1491, 42.0684, 28.7690**, and **5.1837, 6.5715, 2.8289** is the 20% darker color. If you saturate the color by 10%, you get **15.0917, 18.7233, 8.8475**, and if you desaturate by 10%, it is **17.0175, 19.6018, 14.0987**.

Distribution



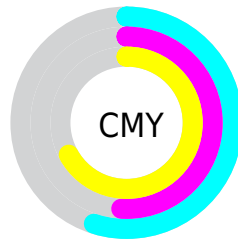
- Red (45%)
- Green (49%)
- Blue (33%)



- Red (33%)
- Yellow (49%)
- Blue (38%)



- Cyan (10%)
- Magenta (0%)
- Yellow (33%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0005, 19.1392, 11.2384 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 16.0005, 19.1392, 11.2384 by changing the saturation by 10% instead.

■ 16.0005, 19.1392,
11.2384

■ 16.0005, 19.1392,
11.2384

222.6150,
247.2161, 210.0917

■ 9.6154, 11.7709,
6.1112

■ 36.1565, 41.9692,
28.7435

■ 5.2050, 6.5879,
2.8430

■ 50.6581, 58.1997,
41.9586

■ 2.4040, 3.2057,
1.0150

■ 68.5959, 78.1530,
58.7067

■ 0.8471, 1.2401,
0.0000

■ 90.3352, 102.2135,
79.4063

■ 0.0000, 0.0941,
0.0000

■ 116.2414,
130.7658, 104.4761

■ 0.0000, 0.0000,
0.0000

146.6799,

164.1940, 134.3346

182.0159,
202.8827, 169.4003

■ 16.0005, 19.1392,
11.2384

■ 16.0005, 19.1392,
11.2384

■ 15.0917, 18.7233,
8.8475

■ 17.0175, 19.6018,
14.0987

■ 14.2847, 18.3495,
6.8995

■ 18.1459, 20.1105,
17.4504

■ 13.5746, 18.0166,
5.3676

■ 19.3905, 20.6679,
21.3155

■ 12.9553, 17.7221,
4.2212

■ 20.7554, 21.2755,
25.7144

■ 12.4201, 17.4632,
3.4256

■ 22.2443, 21.9351,
30.6664

■ 11.9605, 17.2366,
2.9378

■ 23.8611, 22.6480,
36.1898

■ 11.6772, 17.0959,
2.6844

■ 25.6091, 23.4156,
42.3022

■ 27.4918, 24.2394,
49.0201

■ 29.5123, 25.1207,
56.3597

Harmonies

Analogous

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



18.2428, 19.1392, 10.1406



16.0005, 19.1392, 11.2384



14.4692, 19.1392, 14.7521

Triad

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



16.0005, 19.1392, 11.2384



15.9187, 19.1392, 34.5602



23.2598, 19.1392, 20.9874

Complementary

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



16.0005, 19.1392, 11.2384



11.7608, 10.3343, 21.1146

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.



22.5025, 19.1392, 28.4059



16.0005, 19.1392, 11.2384



18.1397, 19.1392, 37.2347

Square

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



16.0005, 19.1392, 11.2384



14.4249, 19.1392, 28.0926



20.5733, 19.1392, 34.7675



22.5619, 19.1392, 14.9562

Rectangle

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



16.0005, 19.1392, 11.2384



13.9851, 19.1392, 18.4724



20.5733, 19.1392, 34.7675



23.1660, 19.1392, 23.4003

Sweetspot

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



16.0010, 19.1400, 11.2388



32.5960, 35.6919, 32.7256



14.3788, 13.4238, 10.2210



7.3586, 8.0936, 7.2725



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.



16.0010, 19.1400, 11.2388



26.9305, 33.1243, 16.5097



13.5860, 17.8951, 11.1258



4.5493, 4.9596, 4.6377



11.9748, 17.5356, 2.7536



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.7608, 10.3343, 21.1146



18.2682, 15.1245, 36.7008



14.2596, 11.6224, 21.2315



4.2154, 4.2666, 5.4146



4.6063, 1.9283, 20.3794



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.0005, 19.1392, 11.2384 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 16.0005, 19.1392, 11.2384 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 16.0005, 19.1392, 11.2384

Background



This preview shows how black text looks on a background with the XYZ color 16.0005, 19.1392, 11.2384.



This preview shows how white text looks on a background with the XYZ color 16.0005, 19.1392,

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

16.0005, 19.1392, 11.2384

Protanopia

17.7204, 19.1092, 10.7371

Deuteranopia

19.4267, 19.0920, 11.4653



Tritanopia

18.4915, 19.0377, 23.8191

Trichromacy



Original Color

16.0005, 19.1392, 11.2384

Protanomaly

17.1017, 19.1504, 10.9787

Deuteranomaly

18.0290, 19.0754, 11.3260

Tritanomaly

17.4114, 18.9629, 18.3653

Monochromacy



Original Color

16.0005, 19.1392, 11.2384

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.7750, 18.4973, 16.3219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0005, 19.1392, 11.2384 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(114, 126, 84)` looks like.

```
.text, #text, p{  
    color:rgb(114, 126, 84)  
}
```

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(114, 126, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 126, 84) }
```

Border

The CSS property to change the border of an element to XYZ 16.0005, 19.1392, 11.2384 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(114, 126, 84) }
```


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

```
.border{ border-color:rgb(114, 126, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 126, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 126, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 126, 84);  
box-shadow:4px 4px 4px 4px rgb(114, 126,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0005, 19.1392, 11.2384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 126, 84) }
```

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

```
.background{ background-color: rgb(114,  
126, 84) }
```

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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