

Converting Colors

XYZ(15.3363, 16.1180, 7.5422)

Have a look what the booklet for
XYZ(15.3363, 16.1180, 7.5422)
contains.

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Color

**XYZ(15.3414, 16.0691,
7.6033)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6E43
RGB	127, 110, 67
RGB Percent	50%, 43%, 26%
CMY	0.5020, 0.5686, 0.7372
CMYK	0.00, 0.13, 0.47, 0.50
HSL	43°, 31%, 38%
HSV	43°, 47%, 50%
XYZ	15.3414, 16.0691, 7.6033
YIQ	110.1810, 23.9350, -9.7690

Conversions

Conversions Part 2

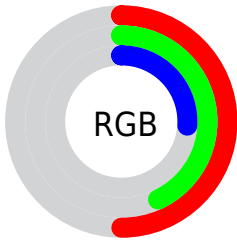
Format	Color
RYB	91, 127, 67
Decimal	8351299
CIELab	47.07, 0.40, 26.37
CIELCh	47, 26.377, 89.122
Yxy	16.0691, 0.3932, 0.4119
Android (android.graphics.Color)	4286541379 (0xFF7F6E43)
YUV	110.1810, -21.2882, 14.7503
Hunter-Lab	40.0863, -1.8374, 16.8147

Details

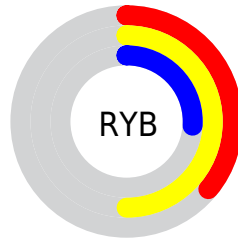
The XYZ color **15.3414, 16.0691, 7.6033** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.3157, 9.0659, 21.3374**, and the grayscale version is **14.9277, 15.7051, 17.1029**.

A 20% lighter version of the original color is **34.9533, 36.5744, 21.7403**, and **4.9028, 5.1494, 1.4946** is the 20% darker color. If you saturate the color by 10%, you get **14.6212, 15.1731, 5.6854**, and if you desaturate by 10%, it is **16.1617, 17.0316, 9.9673**.

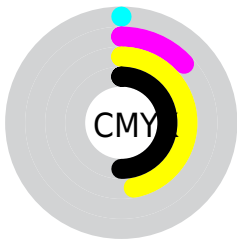
Distribution



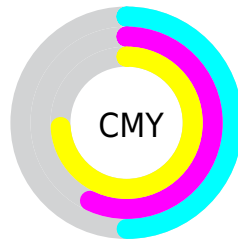
- Red (50%)
- Green (43%)
- Blue (26%)



- Red (36%)
- Yellow (50%)
- Blue (26%)



- Cyan (0%)
- Magenta (13%)
- Yellow (47%)
- Black (50%)





- Cyan (50%)
- Magenta (57%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3414, 16.0691, 7.6033 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 15.3414, 16.0691, 7.6033 by changing the saturation by 10% instead.


 15.3414, 16.0691,
7.6033


 15.3414, 16.0691,
7.6033


218.7711,
229.7491, 182.4034

 9.1472, 9.5731,
3.7581


 35.0178, 36.7181,
21.7102


 4.8952, 5.1168,
1.4936

 49.2306, 51.6399,
32.8089


 2.2200, 2.3160,
0.2131

 66.8471, 70.1390,
47.1626

 0.7533, 0.7821,
0.0000

 88.2326, 92.6000,
65.1897

 0.0000, 0.0000,
0.0000

 113.7523,
119.4070, 87.3087

143.7718,

150.9446, 113.9384

178.6562,
187.5972, 145.4971

■ 15.3414, 16.0691,
7.6033

■ 15.3414, 16.0691,
7.6033

■ 14.6212, 15.1731,
5.6854

■ 16.1617, 17.0316,
9.9673

■ 13.9943, 14.3387,
4.1834

■ 17.0862, 18.0607,
12.8030

■ 13.4547, 13.5638,
3.0650

■ 18.1200, 19.1593,
16.1350

■ 12.9950, 12.8453,
2.2926

■ 19.2677, 20.3295,
19.9862

■ 12.6000, 12.1766,
1.7868

■ 20.5334, 21.5733,
24.3778

■ 12.4954, 11.9981,
1.6573

■ 21.9212, 22.8926,
29.3300

■ 23.4348, 24.2891,
34.8618

■ 25.0778, 25.7645,
40.9914

■ 26.8537, 27.3205,
47.7363

Harmonies

Analogous

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



17.6705, 16.0691, 8.6855



15.3414, 16.0691, 7.6033



13.2100, 16.0691, 8.5638

Triad

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



15.3414, 16.0691, 7.6033



11.7091, 16.0691, 24.4539



19.4157, 16.0691, 24.8786

Complementary

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



15.3414, 16.0691, 7.6033



9.3157, 9.0659, 21.3374

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.



17.5408, 16.0691, 31.1438



15.3414, 16.0691, 7.6033



13.1032, 16.0691, 30.8582

Square

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



15.3414, 16.0691, 7.6033



11.2450, 16.0691, 17.3022



15.2052, 16.0691, 33.5660



20.1640, 16.0691, 17.6923

Rectangle

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



15.3414, 16.0691, 7.6033



12.1521, 16.0691, 10.4163



15.2052, 16.0691, 33.5660



18.8876, 16.0691, 27.2227

Sweetspot

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



15.3418, 16.0699, 7.6036



33.0256, 34.9064, 30.8032



12.3598, 9.1666, 9.5056



7.6460, 8.0836, 6.9260



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.



15.3418, 16.0699, 7.6036



26.0503, 26.9998, 9.8457



15.5419, 19.1613, 8.1898



4.5656, 4.8200, 4.6098



12.6009, 12.0982, 1.6710



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.3157, 9.0659, 21.3374



13.8496, 12.8360, 37.7039



9.1463, 7.2523, 20.9963



4.2004, 4.3948, 5.4402



4.4979, 2.8143, 20.5561



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.3414, 16.0691, 7.6033 looks on a white 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

Black Background



This preview shows how the XYZ color 15.3414, 16.0691, 7.6033 looks on a black 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

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

XYZ 15.3414, 16.0691, 7.6033

Background



This preview shows how black text looks on a background with the XYZ color 15.3414, 16.0691, 7.6033.



This preview shows how white text looks on a background with the XYZ color 15.3414, 16.0691,

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

15.3414, 16.0691, 7.6033

Protanopia

14.8636, 16.1433, 7.8014

Deuteranopia

16.2928, 16.0836, 7.7146



Tritanopia

17.3923, 16.1207, 17.8177

Trichromacy



Original Color

15.3414, 16.0691, 7.6033

Protanomaly

15.0400, 16.0713, 7.7782

Deuteranomaly

15.9217, 16.0480, 7.7273

Tritanomaly

16.5749, 16.1057, 13.3015

Monochromacy



Original Color

15.3414, 16.0691, 7.6033

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.7988, 15.6730, 12.8349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3414, 16.0691, 7.6033 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(127, 110, 67)` looks like.

```
.text, #text, p{  
    color:rgb(127, 110, 67)  
}
```

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(127, 110, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 110, 67) }
```

Border

The CSS property to change the border of an element to XYZ 15.3414, 16.0691, 7.6033 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(127, 110, 67) }
```


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

```
.border{ border-color:rgb(127, 110, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 110, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 110, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 110, 67);  
box-shadow:4px 4px 4px 4px rgb(127, 110,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3414, 16.0691, 7.6033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 110, 67) }
```

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

```
.background{ background-color: rgb(127,  
110, 67) }
```

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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