

Converting Colors

XYZ(15.0693, 14.8516, 7.3826)

Have a look what the booklet for
XYZ(15.0693, 14.8516, 7.3826)
contains.

XYZ(15.0693, 14.8516, 7.3826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.0693, 14.8516,
7.3826)**

Conversions

Conversions Part 1

Format	Color
Hex	826743
RGB	130, 103, 67
RGB Percent	51%, 40%, 26%
CMY	0.4902, 0.5961, 0.7373
CMYK	0.00, 0.21, 0.48, 0.49
HSL	34°, 32%, 39%
HSV	34°, 48%, 51%
XYZ	15.0693, 14.8516, 7.3826
YIQ	106.9690, 27.6480, -5.4720

Conversions

Conversions Part 2

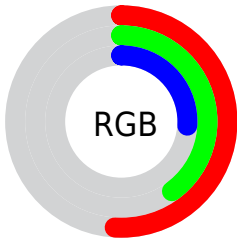
Format	Color
R_{YB}	114, 130, 67
Decimal	8546115
CIE _{Lab}	45.43, 5.83, 24.36
CIE _{LCh}	45, 25.048, 76.538
Yxy	14.8516, 0.4040, 0.3981
Android (android.graphics.Color)	4286736195 (0xFF826743)
YUV	106.9690, -19.7047, 20.1982
Hunter-Lab	38.5378, 2.3572, 15.6184

Details

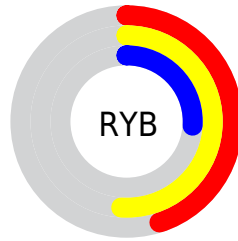
The XYZ color **15.0693, 14.8516, 7.3826** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.3465, 10.8100, 22.6602**, and the grayscale version is **14.0144, 14.7442, 16.0565**.

A 20% lighter version of the original color is **34.4752, 34.5625, 21.3772**, and **4.7933, 4.5525, 1.4367** is the 20% darker color. If you saturate the color by 10%, you get **14.1866, 13.6418, 5.3756**, and if you desaturate by 10%, it is **16.0773, 16.1717, 9.8637**.

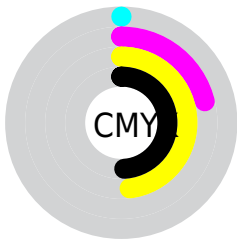
Distribution



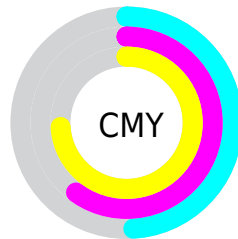
- Red (51%)
- Green (40%)
- Blue (26%)



- Red (45%)
- Yellow (51%)
- Blue (26%)



- Cyan (0%)
- Magenta (21%)
- Yellow (48%)
- Black (49%)



- Cyan (49%)
- Magenta (60%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0693, 14.8516, 7.3826 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 15.0693, 14.8516, 7.3826 by changing the saturation by 10% instead.

■ 15.0693, 14.8516,
7.3826

■ 15.0693, 14.8516,
7.3826

217.1654,
222.4662, 180.5558

■ 8.9547, 8.7153,
3.6205

■ 34.5454, 34.5926,
21.2647

■ 4.7685, 4.5560,
1.4195

■ 48.6375, 48.9662,
32.2217

■ 2.1454, 1.9892,
0.1569

■ 66.1195, 66.8542,
46.4142

■ 0.7137, 0.6012,
0.0000

■ 87.3568, 88.6412,
64.2605

■ 0.0000, 0.0000,
0.0000

■ 112.7147,
114.7115, 86.1793

142.5585,

145.4495, 112.5891

177.2536,
181.2396, 143.9084

■ 15.0693, 14.8516,
7.3826

■ 15.0693, 14.8516,
7.3826

■ 14.1866, 13.6418,
5.3756

■ 16.0773, 16.1717,
9.8637

■ 13.4214, 12.5364,
3.8103

■ 17.2154, 17.6036,
12.8467

■ 12.7666, 11.5319,
2.6517

■ 18.4898, 19.1512,
16.3580

■ 12.2138, 10.6237,
1.8588

■ 19.9057, 20.8177,
20.4222

■ 11.7431, 9.8027,
1.3307

■ 21.4680, 22.6061,
25.0621

■ 11.6742, 9.6825,
1.2536

■ 23.1814, 24.5193,
30.2994

■ 25.0504, 26.5601,
36.1545

■ 27.0792, 28.7312,
42.6470

■ 29.2719, 31.0350,
49.7955

Harmonies

Analogous

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



17.0549, 14.8516, 9.1911



15.0693, 14.8516, 7.3826



13.0061, 14.8516, 7.4775

Triad

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



15.0693, 14.8516, 7.3826



10.6134, 14.8516, 19.6615



17.2279, 14.8516, 25.4163

Complementary

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



15.0693, 14.8516, 7.3826



10.3465, 10.8100, 22.6602

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.



15.2873, 14.8516, 29.8512



15.0693, 14.8516, 7.3826



11.5358, 14.8516, 26.0096

Square

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



15.0693, 14.8516, 7.3826



10.5675, 14.8516, 13.6443



13.2038, 14.8516, 30.0917



18.3814, 14.8516, 18.9915

Rectangle

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



15.0693, 14.8516, 7.3826



11.8628, 14.8516, 8.5934



13.2038, 14.8516, 30.0917



16.6379, 14.8516, 27.2515

Sweetspot

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



15.0697, 14.8523, 7.3829



33.3132, 34.6200, 30.9350



13.2470, 9.5738, 11.8103



7.4441, 7.7219, 6.7288



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.



15.0697, 14.8523, 7.3829



24.8608, 23.8510, 9.2019



17.5705, 20.7909, 8.3974



4.5158, 4.7202, 4.5932



11.2007, 9.2977, 1.2043



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.3465, 10.8100, 22.6602



15.5226, 15.8685, 39.4373



8.6498, 6.9734, 22.0091



4.2486, 4.4912, 5.4562



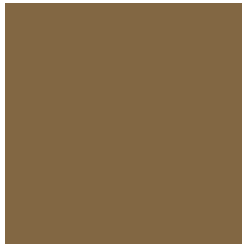
5.2124, 4.2433, 20.7943



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0693, 14.8516, 7.3826 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 15.0693, 14.8516, 7.3826 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 15.0693, 14.8516, 7.3826

Background



This preview shows how black text looks on a background with the XYZ color 15.0693, 14.8516, 7.3826.



This preview shows how white text looks on a background with the XYZ color 15.0693, 14.8516,

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

15.0693, 14.8516, 7.3826

Protanopia

13.7729, 14.9367, 7.7874

Deuteranopia

15.0693, 14.8516, 7.3826



Tritanopia

16.8007, 14.8443, 15.6154

Trichromacy



Original Color

15.0693, 14.8516, 7.3826

Protanomaly

14.2235, 14.8630, 7.5880

Deuteranomaly

15.0693, 14.8516, 7.3826

Tritanomaly

16.1618, 14.8736, 12.1443

Monochromacy



Original Color

15.0693, 14.8516, 7.3826

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1560, 14.7256, 12.2214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0693, 14.8516, 7.3826 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(130, 103, 67)` looks like.

```
.text, #text, p{  
    color:rgb(130, 103, 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(130, 103, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 103, 67) }
```

Border

The CSS property to change the border of an element to XYZ 15.0693, 14.8516, 7.3826 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(130, 103, 67) }
```


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

```
.border{ border-color:rgb(130, 103, 67) }
```

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

Here you see how a box with a 4 pixel rgb(130, 103, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 103, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 103, 67);  
box-shadow:4px 4px 4px 4px rgb(130, 103,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0693, 14.8516, 7.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 103, 67) }
```

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

```
.background{ background-color: rgb(130,  
103, 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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