

Converting Colors

XYZ(15.3270, 16.4155, 7.7226)

Have a look what the booklet for
XYZ(15.3270, 16.4155, 7.7226)
contains.

XYZ(15.2647, 16.3536, 7.6622)	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(15.2647, 16.3536,
7.6622)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7043
RGB	125, 112, 67
RGB Percent	49%, 44%, 26%
CMY	0.5098, 0.5608, 0.7373
CMYK	0.00, 0.10, 0.46, 0.51
HSL	47°, 30%, 38%
HSV	47°, 46%, 49%
XYZ	15.2647, 16.3536, 7.6622
YIQ	110.7570, 22.1930, -11.2390

Conversions

Conversions Part 2

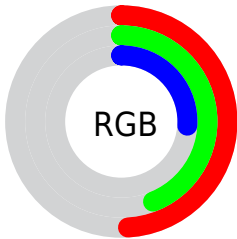
Format	Color
R_{YB}	84, 125, 67
Decimal	8220739
CIE _{Lab}	47.44, -1.65, 26.80
CIE _{LCh}	47, 26.850, 93.513
Yxy	16.3536, 0.3886, 0.4163
Android (android.graphics.Color)	4286410819 (0xFF7D7043)
YUV	110.7570, -21.5722, 12.4911
Hunter-Lab	40.4396, -3.3910, 17.0739

Details

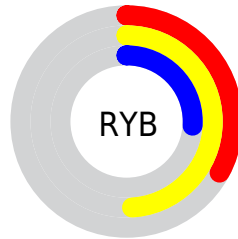
The XYZ color **15.2647, 16.3536, 7.6622** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.8849, 8.4109, 20.5570**, and the grayscale version is **15.0954, 15.8815, 17.2949**.

A 20% lighter version of the original color is **35.0183, 37.3956, 21.8954**, and **4.8023, 5.1806, 1.5059** is the 20% darker color. If you saturate the color by 10%, you get **14.6254, 15.6116, 5.7946**, and if you desaturate by 10%, it is **15.9954, 17.1487, 9.9601**.

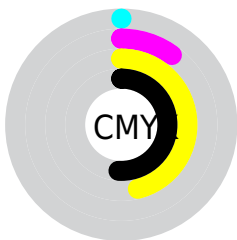
Distribution



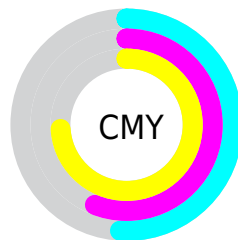
- Red (49%)
- Green (44%)
- Blue (26%)



- Red (33%)
- Yellow (49%)
- Blue (26%)



- Cyan (0%)
- Magenta (10%)
- Yellow (46%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2647, 16.3536, 7.6622 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 15.2647, 16.3536, 7.6622 by changing the saturation by 10% instead.

15.2647, 16.3536,
7.6622

15.2647, 16.3536,
7.6622

218.3196,
231.4193, 182.8925

9.0929, 9.7747,
3.7949

34.8847, 37.2110,
21.8286

4.8594, 5.2498,
1.5135

49.0637, 52.2583,
32.9649

2.1989, 2.3946,
0.2280

66.6424, 70.8972,
47.3612

0.7422, 0.8231,
0.0000

87.9862, 93.5120,
65.4361

0.0000, 0.0000,
0.0000

113.4604,
120.4873, 87.6081

143.4305,

152.2073, 114.2958

178.2618,
189.0565, 145.9178

■ 15.2647, 16.3536,
7.6622

■ 15.2647, 16.3536,
7.6622

■ 14.6254, 15.6116,
5.7946

■ 15.9954, 17.1487,
9.9601

■ 14.0709, 14.9182,
4.3285

■ 16.8212, 17.9968,
12.7126

■ 13.5956, 14.2717,
3.2333

■ 17.7470, 18.9005,
15.9433

■ 13.1929, 13.6690,
2.4734

■ 18.7770, 19.8617,
19.6740

■ 12.8497, 13.1051,
1.9815

■ 19.9151, 20.8820,
23.9249

■ 12.7312, 12.9076,
1.8204

■ 21.1650, 21.9632,
28.7153

■ 22.5303, 23.1066,
34.0635

■ 24.0144, 24.3139,
39.9869

■ 25.6205, 25.5864,
46.5021

Harmonies

Analogous

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



17.6766, 16.3536, 8.4588



15.2647, 16.3536, 7.6622



13.1500, 16.3536, 8.9576

Triad

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



15.2647, 16.3536, 7.6622



12.0298, 16.3536, 26.0728



20.0128, 16.3536, 24.3189

Complementary

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



15.2647, 16.3536, 7.6622



8.8849, 8.4109, 20.5570

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.



18.2114, 16.3536, 31.1311



15.2647, 16.3536, 7.6622



13.5895, 16.3536, 32.3119

Square

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



15.2647, 16.3536, 7.6622



11.4065, 16.3536, 18.6220



15.8259, 16.3536, 34.3652



20.5767, 16.3536, 17.0147

Rectangle

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



15.2647, 16.3536, 7.6622



12.1451, 16.3536, 11.0911



15.8259, 16.3536, 34.3652



19.5235, 16.3536, 26.7983

Sweetspot

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



15.2651, 16.3544, 7.6625



32.1455, 34.1927, 29.8528



11.9324, 8.9615, 8.7941



7.2395, 7.7089, 6.5318



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.



15.2651, 16.3544, 7.6625



26.0894, 27.8345, 10.0956



14.7192, 18.3575, 8.0779



4.5862, 4.8611, 4.6167



13.2824, 13.4611, 1.8982



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.8849, 8.4109, 20.5570



13.1390, 11.7258, 36.3152



9.2293, 7.3100, 20.3264



4.1810, 4.3560, 5.4337



4.2923, 2.4031, 20.4876



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.2647, 16.3536, 7.6622 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 15.2647, 16.3536, 7.6622 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 15.2647, 16.3536, 7.6622

Background



This preview shows how black text looks on a background with the XYZ color 15.2647, 16.3536, 7.6622.



This preview shows how white text looks on a background with the XYZ color 15.2647, 16.3536,

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

15.2647, 16.3536, 7.6622

Protanopia

15.0866, 16.4265, 7.6857

Deuteranopia

16.4544, 16.1670, 7.7221



Tritanopia

17.4545, 16.2917, 18.4443

Trichromacy



Original Color

15.2647, 16.3536, 7.6622

Protanomaly

15.2304, 16.5006, 7.6924

Deuteranomaly

16.0277, 16.2602, 7.7626

Tritanomaly

16.4693, 16.1962, 13.8134

Monochromacy



Original Color

15.2647, 16.3536, 7.6622

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.9525, 15.9081, 13.1090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2647, 16.3536, 7.6622 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(125, 112, 67)` looks like.

```
.text, #text, p{  
    color:rgb(125, 112, 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(125, 112, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 112, 67) }
```

Border

The CSS property to change the border of an element to XYZ 15.2647, 16.3536, 7.6622 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(125, 112, 67) }
```


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

```
.border{ border-color:rgb(125, 112, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 112, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 112, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 112, 67);  
box-shadow:4px 4px 4px 4px rgb(125, 112,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2647, 16.3536, 7.6622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 112, 67) }
```

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

```
.background{ background-color: rgb(125,  
112, 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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