

Converting Colors

XYZ(15.2855, 16.3527, 9.6218)

Have a look what the booklet for
XYZ(15.2855, 16.3527, 9.6218)
contains.

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Color

**XYZ(15.1954, 16.2760,
9.5484)**

Conversions

Conversions Part 1

Format	Color
Hex	7A704E
RGB	122, 112, 78
RGB Percent	48%, 44%, 31%
CMY	0.5216, 0.5608, 0.6941
CMYK	0.00, 0.08, 0.36, 0.52
HSL	46°, 22%, 39%
HSV	46°, 36%, 48%
XYZ	15.1954, 16.2760, 9.5484
YIQ	111.1140, 16.8740, -8.4540

Conversions

Conversions Part 2

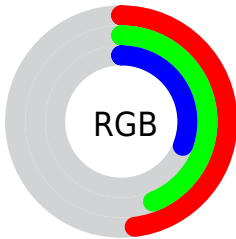
Format	Color
RYB	91, 122, 78
Decimal	8024142
CIELab	47.33, -1.62, 20.34
CIElCh	47, 20.406, 94.565
Yxy	16.2760, 0.3704, 0.3968
Android (android.graphics.Color)	4286214222 (0xFF7A704E)
YUV	111.1140, -16.3252, 9.5470
Hunter-Lab	40.3435, -3.3691, 14.2079

Details

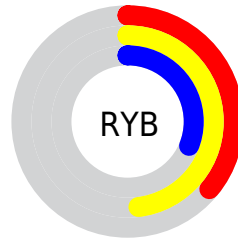
The XYZ color **15.1954, 16.2760, 9.5484** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.1444, 10.0040, 19.8088**, and the grayscale version is **15.1854, 15.9762, 17.3981**.

A 20% lighter version of the original color is **34.7854, 37.1972, 25.4251**, and **4.7804, 5.1543, 2.1818** is the 20% darker color. If you saturate the color by 10%, you get **14.4970, 15.5153, 7.3542**, and if you desaturate by 10%, it is **15.9853, 17.0895, 12.1739**.

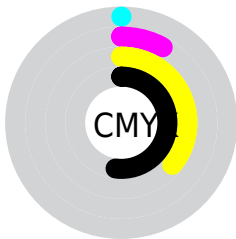
Distribution



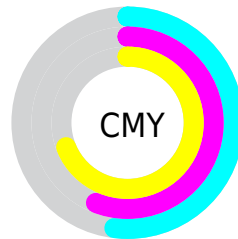
- Red (48%)
- Green (44%)
- Blue (31%)



- Red (36%)
- Yellow (48%)
- Blue (31%)



- Cyan (0%)
- Magenta (8%)
- Yellow (36%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1954, 16.2760, 9.5484 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 15.1954, 16.2760, 9.5484 by changing the saturation by 10% instead.

■ 15.1954, 16.2760,
9.5484

■ 15.1954, 16.2760,
9.5484

217.9109,
230.9649, 197.7841

■ 9.0438, 9.7197,
4.9989

■ 34.7645, 37.0767,
25.5369

■ 4.8271, 5.2135,
2.1879

■ 48.9127, 52.0898,
37.8131

■ 2.1799, 2.3731,
0.6674

■ 66.4571, 70.6907,
53.5019

■ 0.7321, 0.8120,
0.0000

■ 87.7632, 93.2637,
73.0218

■ 0.0000, 0.0000,
0.0000

■ 113.1963,
120.1932, 96.7915

143.1217,

151.8637, 125.2294

177.9048,
188.6594, 158.7541

■ 15.1954, 16.2760,
9.5484

■ 15.1954, 16.2760,
9.5484

■ 14.4970, 15.5153,
7.3542

■ 15.9853, 17.0895,
12.1739

■ 13.8841, 14.8032,
5.5666

■ 16.8696, 17.9554,
15.2515

■ 13.3523, 14.1383,
4.1599

■ 17.8526, 18.8761,
18.8021

■ 12.8958, 13.5183,
3.1051

■ 18.9382, 19.8533,
22.8447

■ 12.5084, 12.9403,
2.3688

■ 20.1297, 20.8884,
27.3975

■ 12.1782, 12.3996,
1.8894

■ 21.4306, 21.9831,
32.4776

■ 12.0538, 12.1930,
1.7182

■ 22.8441, 23.1385,
38.1013

■ 24.3730, 24.3562,
44.2844

■ 26.0205, 25.6373,
51.0418

Harmonies

Analogous

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



17.0081, 16.2760, 10.1786



15.1954, 16.2760, 9.5484



13.5840, 16.2760, 10.7347

Triad

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



15.1954, 16.2760, 9.5484



12.7853, 16.2760, 23.9771



18.8189, 16.2760, 22.3405

Complementary

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



15.1954, 16.2760, 9.5484



10.1444, 10.0040, 19.8088

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.



17.5226, 16.2760, 27.2269



15.1954, 16.2760, 9.5484



14.0272, 16.2760, 28.2934

Square

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



15.1954, 16.2760, 9.5484



12.2630, 16.2760, 18.5243



15.7476, 16.2760, 29.5850



19.1920, 16.2760, 16.9428

Rectangle

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



15.1954, 16.2760, 9.5484



12.8120, 16.2760, 12.5631



15.7476, 16.2760, 29.5850



18.4720, 16.2760, 24.1287

Sweetspot

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



15.1958, 16.2767, 9.5487



30.4865, 32.3540, 29.7241



12.5231, 10.2955, 10.6179



6.9298, 7.3592, 6.6487



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.1958, 16.2767, 9.5487



25.7412, 27.5605, 13.6620



14.7985, 17.8014, 9.8640



4.2342, 4.4869, 4.2674



12.6843, 12.8245, 1.8068



59.8435, 59.8505, 8.3982

Inverse Universe

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



10.1444, 10.0040, 19.8088



15.5172, 14.8699, 34.4452



10.4280, 9.0144, 19.6028



3.8647, 4.0277, 5.0169



4.1230, 2.3285, 19.6174



19.1230, 10.0187, 93.3957

Previews

White Background



This preview shows how the XYZ color 15.1954, 16.2760, 9.5484 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 15.1954, 16.2760, 9.5484 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

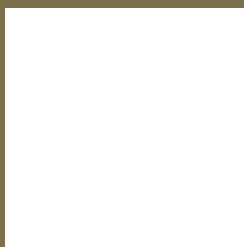
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1954, 16.2760, 9.5484

Background



This preview shows how black text looks on a background with the XYZ color 15.1954, 16.2760, 9.5484.



This preview shows how white text looks on a background with the XYZ color 15.1954, 16.2760,

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

15.1954, 16.2760, 9.5484

Protanopia

15.0545, 16.2033, 9.5418

Deuteranopia

16.6054, 16.3580, 9.6793



Tritanopia

17.0143, 16.2120, 18.7555

Trichromacy



Original Color

15.1954, 16.2760, 9.5484

Protanomaly

15.0545, 16.2033, 9.5418

Deuteranomaly

16.0858, 16.2476, 9.6854

Tritanomaly

16.3244, 16.2566, 14.8478

Monochromacy



Original Color

15.1954, 16.2760, 9.5484

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0068, 15.9146, 14.0853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1954, 16.2760, 9.5484 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(122, 112, 78)` looks like.

```
.text, #text, p{  
    color:rgb(122, 112, 78)  
}
```

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(122, 112, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 112, 78) }
```

Border

The CSS property to change the border of an element to XYZ 15.1954, 16.2760, 9.5484 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(122, 112, 78) }
```


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

```
.border{ border-color:rgb(122, 112, 78) }
```

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

Here you see how a box with a 4 pixel rgb(122, 112, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 112, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 112, 78);  
box-shadow:4px 4px 4px 4px rgb(122, 112,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1954, 16.2760, 9.5484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 112, 78) }
```

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

```
.background{ background-color: rgb(122,  
112, 78) }
```

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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