

Converting Colors

XYZ(15.2305, 17.4396, 9.1545)

Have a look what the booklet for
XYZ(15.2305, 17.4396, 9.1545)
contains.

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Color

**XYZ(15.3380, 17.5532,
9.2363)**

Conversions

Conversions Part 1

Format	Color
Hex	76774B
RGB	118, 119, 75
RGB Percent	46%, 47%, 29%
CMY	0.5373, 0.5333, 0.7059
CMYK	0.01, 0.00, 0.37, 0.53
HSL	61°, 23%, 38%
HSV	61°, 37%, 47%
XYZ	15.3380, 17.5532, 9.2363
YIQ	113.6850, 13.5280, -13.8960

Conversions

Conversions Part 2

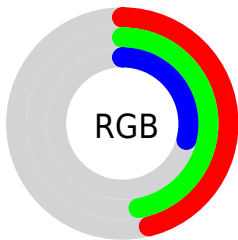
Format	Color
RYB	75, 119, 76
Decimal	7763787
CIELab	48.95, -7.74, 24.10
CIELCh	49, 25.317, 107.800
Yxy	17.5532, 0.3641, 0.4167
Android (android.graphics.Color)	4285953867 (0xFF76774B)
YUV	113.6850, -19.0717, 3.7843
Hunter-Lab	41.8965, -7.9715, 16.2568

Details

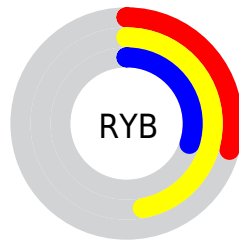
The XYZ color **15.3380, 17.5532, 9.2363** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.8270, 7.9010, 18.5136**, and the grayscale version is **15.9527, 16.7834, 18.2772**.

A 20% lighter version of the original color is **34.9956, 39.2390, 24.7982**, and **4.9418, 5.8654, 2.1000** is the 20% darker color. If you saturate the color by 10%, you get **14.9316, 17.3870, 7.2865**, and if you desaturate by 10%, it is **15.8216, 17.7515, 11.5883**.

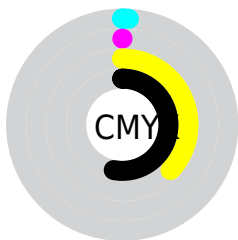
Distribution



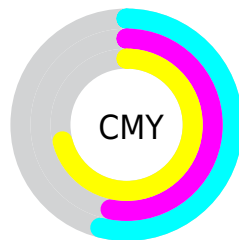
- Red (46%)
- Green (47%)
- Blue (29%)



- Red (29%)
- Yellow (47%)
- Blue (30%)



- Cyan (1%)
- Magenta (0%)
- Yellow (37%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3380, 17.5532, 9.2363 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 15.3380, 17.5532, 9.2363 by changing the saturation by 10% instead.

■ 15.3380, 17.5532,
9.2363

■ 15.3380, 17.5532,
9.2363

218.7511,
238.3405, 195.4135

■ 9.1448, 10.6297,
4.7967

■ 35.0119, 39.2745,
24.9337

■ 4.8936, 5.8184,
2.0718

■ 49.2232, 54.8411,
37.0287

■ 2.2191, 2.7350,
0.5989

■ 66.8380, 74.0575,
52.5125

■ 0.7528, 0.9950,
0.0000

■ 88.2216, 97.3081,
71.8037

■ 0.0000, 0.0000,
0.0000

■ 113.7394,
124.9773, 95.3209

143.7566,

157.4495, 123.4826

178.6387,
195.1091, 156.7073

■ 15.3380, 17.5532,
9.2363

■ 15.3380, 17.5532,
9.2363

■ 14.9316, 17.3870,
7.2865

■ 15.8216, 17.7515,
11.5883

■ 14.5969, 17.2489,
5.7152

■ 16.3850, 17.9812,
14.3619

■ 14.3295, 17.1377,
4.4983

■ 17.0323, 18.2444,
17.5769

■ 14.1243, 17.0514,
3.6082

■ 17.7670, 18.5426,
21.2514

■ 13.9752, 16.9876,
3.0132

■ 18.5923, 18.8770,
25.4023

■ 13.8688, 16.9408,
2.6423

■ 19.5112, 19.2489,
30.0459

■ 13.8382, 16.9273,
2.5379

■ 20.5268, 19.6594,
35.1977

■ 21.6417, 20.1098,
40.8724

■ 22.8588, 20.6009,
47.0841

Harmonies

Analogous

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



17.6587, 17.5532, 9.0359



15.3380, 17.5532, 9.2363



13.5503, 17.5532, 11.6605

Triad

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



15.3380, 17.5532, 9.2363



13.8244, 17.5532, 30.4136



21.5104, 17.5532, 21.9847

Complementary

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



15.3380, 17.5532, 9.2363



8.8270, 7.9010, 18.5136

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.



20.2665, 17.5532, 29.2090



15.3380, 17.5532, 9.2363



15.7455, 17.5532, 34.7886

Square

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



15.3380, 17.5532, 9.2363



12.7346, 17.5532, 23.3554



18.1061, 17.5532, 34.3021



21.3751, 17.5532, 15.4172

Rectangle

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



15.3380, 17.5532, 9.2363



12.8341, 17.5532, 14.6211



18.1061, 17.5532, 34.3021



21.2352, 17.5532, 24.4405

Sweetspot

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



15.3384, 17.5540, 9.2367



29.9807, 32.4583, 28.8969



11.4444, 9.5626, 7.8994



7.0759, 7.6804, 6.7030



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.



15.3384, 17.5540, 9.2367



26.8621, 31.1850, 13.6435



12.7195, 16.2039, 9.1141



3.9588, 4.2622, 3.9563



14.7002, 17.9826, 2.6962



71.5322, 87.5780, 13.1341

Inverse Universe

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



8.8270, 7.9010, 18.5136



13.4678, 11.3265, 32.7295



10.8547, 8.9463, 18.6085



3.5076, 3.5935, 4.5990



3.5726, 1.4331, 18.6309



17.3110, 6.9326, 90.7860

Previews

White Background



This preview shows how the XYZ color 15.3380, 17.5532, 9.2363 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 15.3380, 17.5532, 9.2363 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

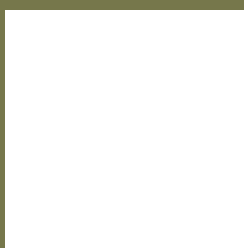
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3380, 17.5532, 9.2363

Background



This preview shows how black text looks on a background with the XYZ color 15.3380, 17.5532, 9.2363.



This preview shows how white text looks on a background with the XYZ color 15.3380, 17.5532,

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

15.3380, 17.5532, 9.2363

Protanopia

16.2338, 17.4972, 9.0003

Deuteranopia

17.8392, 17.4801, 9.4550



Tritanopia

17.7302, 17.5005, 20.8558

Trichromacy



Original Color

15.3380, 17.5532, 9.2363

Protanomaly

15.9095, 17.5021, 9.0183

Deuteranomaly

16.8375, 17.4620, 9.3205

Tritanomaly

16.7066, 17.4190, 15.8463

Monochromacy



Original Color

15.3380, 17.5532, 9.2363

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6159, 17.0557, 14.5256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3380, 17.5532, 9.2363 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(118, 119, 75)` looks like.

```
.text, #text, p{  
    color:rgb(118, 119, 75)  
}
```

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(118, 119, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 119, 75) }
```

Border

The CSS property to change the border of an element to XYZ 15.3380, 17.5532, 9.2363 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(118, 119, 75) }
```


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

```
.border{ border-color:rgb(118, 119, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 119, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 119, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 119, 75);  
box-shadow:4px 4px 4px 4px rgb(118, 119,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3380, 17.5532, 9.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 119, 75) }
```

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

```
.background{ background-color: rgb(118,  
119, 75) }
```

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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