

Converting Colors

XYZ(14.9155, 16.2490, 8.0510)

Have a look what the booklet for
XYZ(14.9155, 16.2490, 8.0510)
contains.

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Color

**XYZ(15.0053, 16.3775,
8.0005)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7145
RGB	122, 113, 69
RGB Percent	48%, 44%, 27%
CMY	0.5216, 0.5568, 0.7294
CMYK	0.00, 0.07, 0.43, 0.52
HSL	50°, 28%, 37%
HSV	50°, 43%, 48%
XYZ	15.0053, 16.3775, 8.0005
YIQ	110.6750, 19.4880, -11.7760

Conversions

Conversions Part 2

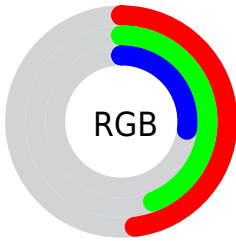
Format	Color
R_{YB}	80, 122, 69
Decimal	8024389
CIE _{Lab}	47.47, -3.33, 25.66
CIE _{LCh}	47, 25.870, 97.388
Yxy	16.3775, 0.3810, 0.4158
Android (android.graphics.Color)	4286214469 (0xFF7A7145)
YUV	110.6750, -20.5458, 9.9320
Hunter-Lab	40.4691, -4.6360, 16.6071

Details

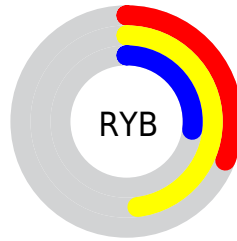
The XYZ color **15.0053, 16.3775, 8.0005** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.6913, 8.1188, 19.5212**, and the grayscale version is **15.0692, 15.8540, 17.2650**.

A 20% lighter version of the original color is **34.4043, 37.3322, 22.5321**, and **4.7277, 5.2243, 1.6234** is the 20% darker color. If you saturate the color by 10%, you get **14.4366, 15.7851, 6.1309**, and if you desaturate by 10%, it is **15.6579, 17.0131, 10.2828**.

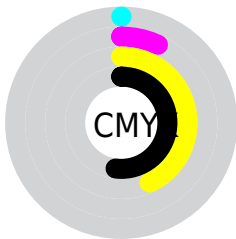
Distribution



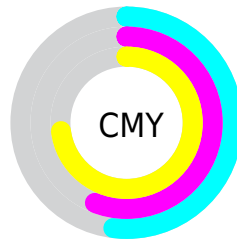
- Red (48%)
- Green (44%)
- Blue (27%)



- Red (31%)
- Yellow (48%)
- Blue (27%)



- Cyan (0%)
- Magenta (7%)
- Yellow (43%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0053, 16.3775, 8.0005 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 15.0053, 16.3775, 8.0005 by changing the saturation by 10% instead.

■ 15.0053, 16.3775,
8.0005

■ 15.0053, 16.3775,
8.0005

216.7860,
231.5591, 185.6707

■ 8.9094, 9.7917,
4.0075

■ 34.4341, 37.2523,
22.5056

■ 4.7388, 5.2610,
1.6295

■ 48.4977, 52.3101,
33.8548

■ 2.1280, 2.4012,
0.3117

■ 65.9479, 70.9607,
48.4931

■ 0.7044, 0.8265,
0.0000

■ 87.1501, 93.5885,
66.8391

■ 0.0000, 0.0000,
0.0000

■ 112.4697,
120.5778, 89.3113

142.2720,

152.3130, 116.3283

176.9223,
189.1787, 148.3086

■ 15.0053, 16.3775,
8.0005

■ 15.0053, 16.3775,
8.0005

■ 14.4366, 15.7851,
6.1309

■ 15.6579, 17.0131,
10.2828

■ 13.9459, 15.2318,
4.6476

■ 16.3978, 17.6914,
12.9998

■ 13.5281, 14.7159,
3.5227

■ 17.2294, 18.4150,
16.1735

■ 13.1772, 14.2350,
2.7244

■ 18.1565, 19.1854,
19.8238

■ 12.8852, 13.7859,
2.2116

■ 19.1827, 20.0041,
23.9695

■ 12.7080, 13.5015,
1.9363

■ 20.3116, 20.8726,
28.6286

■ 21.5462, 21.7921,
33.8178

■ 22.8898, 22.7640,
39.5535

■ 24.3452, 23.7895,
45.8509

Harmonies

Analogous

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



17.3268, 16.3775, 8.5196



15.0053, 16.3775, 8.0005



13.0358, 16.3775, 9.5527

Triad

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



15.0053, 16.3775, 8.0005



12.3145, 16.3775, 26.6675



20.0093, 16.3775, 23.1506

Complementary

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



15.0053, 16.3775, 8.0005



8.6913, 8.1188, 19.5212

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.



18.4048, 16.3775, 29.8873



15.0053, 16.3775, 8.0005



13.9294, 16.3775, 32.2413

Square

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



15.0053, 16.3775, 8.0005



11.5847, 16.3775, 19.5087



16.1412, 16.3775, 33.5456



20.3694, 16.3775, 16.2548

Rectangle

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



15.0053, 16.3775, 8.0005



12.1348, 16.3775, 11.8476



16.1412, 16.3775, 33.5456



19.5905, 16.3775, 25.5541

Sweetspot

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



15.0057, 16.3783, 8.0008



30.3317, 32.4146, 28.5312



11.5552, 8.9543, 8.4627



6.8710, 7.3567, 6.2745



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.



15.0057, 16.3783, 8.0008



25.4161, 27.7900, 10.8415



13.8849, 17.3650, 8.2504



4.2526, 4.5237, 4.2735



13.3744, 14.2047, 2.0369



63.2556, 66.6747, 9.5356

Inverse Universe

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



8.6913, 8.1188, 19.5212



12.7947, 11.2898, 33.8977



9.4589, 7.6297, 19.3864



3.8476, 3.9934, 5.0112



3.9705, 2.0234, 19.5666



18.5006, 8.7738, 93.1882

Previews

White Background



This preview shows how the XYZ color 15.0053, 16.3775, 8.0005 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 15.0053, 16.3775, 8.0005 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

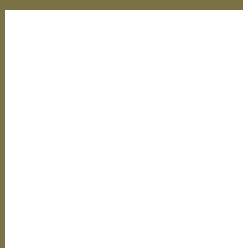
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0053, 16.3775, 8.0005

Background



This preview shows how black text looks on a background with the XYZ color 15.0053, 16.3775, 8.0005.



This preview shows how white text looks on a background with the XYZ color 15.0053, 16.3775,

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

15.0053, 16.3775, 8.0005

Protanopia

15.1477, 16.4509, 8.0072

Deuteranopia

16.6214, 16.4016, 8.0841



Tritanopia

17.1625, 16.2884, 18.7624

Trichromacy



Original Color

15.0053, 16.3775, 8.0005

Protanomaly

15.1477, 16.4509, 8.0072

Deuteranomaly

16.0415, 16.4194, 8.1181

Tritanomaly

16.1782, 16.1981, 14.0782

Monochromacy



Original Color

15.0053, 16.3775, 8.0005

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.9757, 16.0777, 13.3803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0053, 16.3775, 8.0005 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, 113, 69)` looks like.

```
.text, #text, p{  
    color:rgb(122, 113, 69)  
}
```

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, 113, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 113, 69) }
```

Border

The CSS property to change the border of an element to XYZ 15.0053, 16.3775, 8.0005 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, 113, 69) }
```


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

```
.border{ border-color:rgb(122, 113, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 113, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 113, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 113, 69);  
box-shadow:4px 4px 4px 4px rgb(122, 113,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0053, 16.3775, 8.0005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 113, 69) }
```

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

```
.background{ background-color: rgb(122,  
113, 69) }
```

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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