

Converting Colors

XYZ(15.4266, 14.9988, 14.3516)

Have a look what the booklet for
XYZ(15.4266, 14.9988, 14.3516)
contains.

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Color

**XYZ(15.4677, 15.0512,
14.4019)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6865
RGB	123, 104, 101
RGB Percent	48%, 41%, 40%
CMY	0.5176, 0.5921, 0.6039
CMYK	0.00, 0.15, 0.18, 0.52
HSL	8°, 10%, 44%
HSV	8°, 18%, 48%
XYZ	15.4677, 15.0512, 14.4019
YIQ	109.3390, 12.2870, 3.0950

Conversions

Conversions Part 2

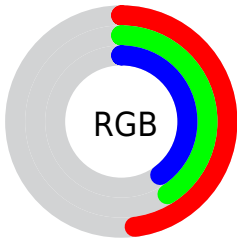
Format	Color
R_{YB}	123, 104, 101
Decimal	8087653
CIE _{Lab}	45.70, 7.01, 4.48
CIE _{LCh}	46, 8.325, 32.592
Yxy	15.0512, 0.3443, 0.3351
Android (android.graphics.Color)	4286277733 (0xFF7B6865)
YUV	109.3390, -4.1111, 11.9807
Hunter-Lab	38.7959, 3.2742, 5.1473

Details

The XYZ color **15.4677, 15.0512, 14.4019** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6584, 17.6294, 21.3166**, and the grayscale version is **14.6414, 15.4039, 16.7748**.

A 20% lighter version of the original color is **35.2933, 34.9398, 34.5897**, and **4.9530, 4.6484, 4.1262** is the 20% darker color. If you saturate the color by 10%, you get **13.9070, 12.8231, 11.1276**, and if you desaturate by 10%, it is **17.2541, 17.5861, 18.1969**.

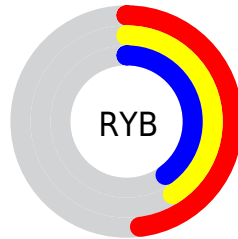
Distribution



Red (48%)

Green (41%)

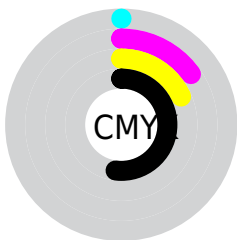
Blue (40%)



Red (48%)

Yellow (41%)

Blue (40%)

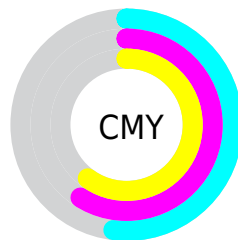


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (52%)



Cyan (52%)

Magenta (59%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4677, 15.0512, 14.4019 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 15.4677, 15.0512, 14.4019 by changing the saturation by 10% instead.

■ 15.4677, 15.0512,
14.4019

■ 15.4677, 15.0512,
14.4019

219.5126,
223.6759, 231.2317

■ 9.2367, 8.8553,
8.2588

■ 35.2366, 34.9430,
34.5278

■ 4.9543, 4.6469,
4.1708

■ 49.5052, 49.4077,
49.3476

■ 2.2549, 2.0416,
1.7195

■ 67.1837, 67.3974,
67.8968

■ 0.7715, 0.6315,
0.3741

■ 88.6375, 89.2966,
90.5939

■ 0.0000, 0.0000,
0.0000

114.2319,
115.4897, 117.8574

144.3323,

146.3610, 150.1058

179.3041,
182.2949, 187.7577

■ 15.4677, 15.0512,
14.4019

■ 15.4677, 15.0512,
14.4019

■ 13.9070, 12.8231,
11.1276

■ 17.2541, 17.5861,
18.1969

■ 12.5619, 10.8883,
8.3503

■ 19.2735, 20.4367,
22.5328

■ 11.4231, 9.2350,
6.0460

■ 21.5343, 23.6142,
27.4303

■ 10.4803, 7.8501,
4.1882

■ 24.0442, 27.1284,
32.9082

■ 9.7223, 6.7194,
2.7478

■ 26.8104, 30.9889,
38.9849

■ 9.1367, 5.8272,
1.6923

■ 29.8401, 35.2048,
45.6777

■ 8.7095, 5.1563,
0.9844

■ 33.1398, 39.7849,
53.0032

■ 8.4161, 4.6835,
0.5351

■ 36.7162, 44.7377,
60.9776

■ 8.3656, 4.6053,
0.4480

■ 40.5755, 50.0714,
69.6163

Harmonies

Analogous

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



15.6902, 15.0512, 16.2148



15.4677, 15.0512, 14.4019



14.9331, 15.0512, 13.2044

Triad

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



15.4677, 15.0512, 14.4019



13.1459, 15.0512, 14.6801



14.3665, 15.0512, 20.5400

Complementary

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



15.4677, 15.0512, 14.4019



15.6584, 17.6294, 21.3166

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.



13.6962, 15.0512, 20.0466



15.4677, 15.0512, 14.4019



13.0052, 15.0512, 16.5628

Square

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



15.4677, 15.0512, 14.4019



13.5942, 15.0512, 13.3556



13.2034, 15.0512, 18.5492



15.0416, 15.0512, 19.8482

Rectangle

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



15.4677, 15.0512, 14.4019



14.4796, 15.0512, 12.8613



13.2034, 15.0512, 18.5492



14.1332, 15.0512, 20.5073

Sweetspot

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



15.4681, 15.0519, 14.4022



31.8541, 32.8448, 34.6324



16.2165, 14.8762, 19.8074



7.4541, 7.6676, 8.0536



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

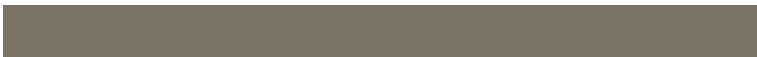
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.4681, 15.0519, 14.4022



26.6386, 25.4427, 23.5561



16.6407, 17.3970, 14.7931



4.0384, 4.0952, 4.2021



8.6514, 4.7587, 0.4625



40.8931, 21.9496, 2.0814

Inverse Universe

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



15.6584, 17.6294, 21.3166



27.0379, 30.8587, 38.0879



14.4180, 15.1485, 20.9031



4.0627, 4.4236, 5.0829



9.0503, 12.1831, 21.2599



42.7132, 57.1990, 101.2591

Previews

White Background



This preview shows how the XYZ color 15.4677, 15.0512, 14.4019 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 15.4677, 15.0512, 14.4019 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 15.4677, 15.0512, 14.4019

Background



This preview shows how black text looks on a background with the XYZ color 15.4677, 15.0512, 14.4019.

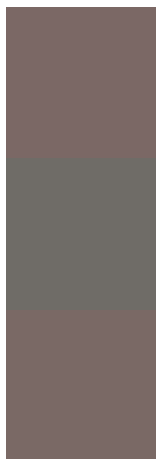


This preview shows how white text looks on a background with the XYZ color 15.4677, 15.0512,

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

15.4677, 15.0512, 14.4019

Protanopia

14.3663, 15.0839, 14.9863

Deuteranopia

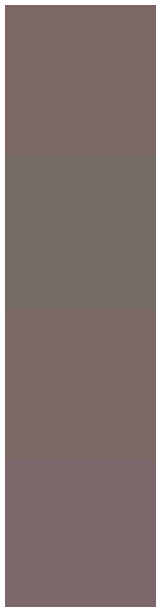
15.4266, 15.1803, 14.4289



Tritanopia

16.0317, 15.1333, 17.1150

Trichromacy



Original Color

15.4677, 15.0512, 14.4019

Protanomaly

14.7262, 15.1195, 14.7126

Deuteranomaly

15.4266, 15.1803, 14.4289

Tritanomaly

15.8163, 15.0471, 15.9807

Monochromacy



Original Color

15.4677, 15.0512, 14.4019

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.7986, 15.1334, 15.7767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4677, 15.0512, 14.4019 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(123, 104, 101)` looks like.

```
.text, #text, p{  
    color:rgb(123, 104, 101)  
}
```

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(123, 104, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 104, 101) }
```

Border

The CSS property to change the border of an element to XYZ 15.4677, 15.0512, 14.4019 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(123, 104, 101) }
```


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

```
.border{ border-color:rgb(123, 104, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 104, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 104, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 104, 101);  
box-shadow:4px 4px 4px 4px rgb(123, 104,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4677, 15.0512, 14.4019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 104, 101) }
```

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

```
.background{ background-color: rgb(123,  
104, 101) }
```

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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