

Converting Colors

XYZ(15.3430, 15.2690, 14.9734)

Have a look what the booklet for
XYZ(15.3430, 15.2690, 14.9734)
contains.

XYZ(15.3479, 15.2804, 14.9725)	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(15.3479, 15.2804,
14.9725)**

Conversions

Conversions Part 1

Format	Color
Hex	786A67
RGB	120, 106, 103
RGB Percent	47%, 42%, 40%
CMY	0.5294, 0.5843, 0.5961
CMYK	0.00, 0.12, 0.14, 0.53
HSL	11°, 8%, 44%
HSV	11°, 14%, 47%
XYZ	15.3479, 15.2804, 14.9725
YIQ	109.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

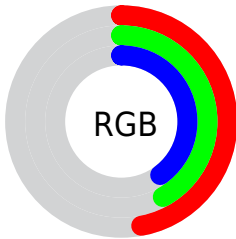
Format	Color
R_{YB}	120, 107, 103
Decimal	7891559
CIE _{Lab}	46.02, 4.96, 3.69
CIE _{LCh}	46, 6.188, 36.647
Yxy	15.2804, 0.3366, 0.3351
Android (android.graphics.Color)	4286081639 (0xFF786A67)
YUV	109.8440, -3.3741, 8.9068
Hunter-Lab	39.0902, 1.6764, 4.6536

Details

The XYZ color **15.3479, 15.2804, 14.9725** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3448, 16.9618, 20.2345**, and the grayscale version is **14.7841, 15.5540, 16.9384**.

A 20% lighter version of the original color is **34.9030, 35.2177, 35.5300**, and **4.8763, 4.7530, 4.4018** is the 20% darker color. If you saturate the color by 10%, you get **13.8282, 13.1365, 11.7045**, and if you desaturate by 10%, it is **17.0723, 17.6949, 18.7356**.

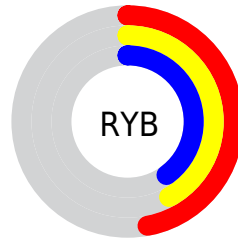
Distribution



Red (47%)

Green (42%)

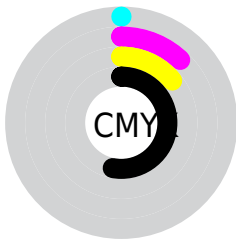
Blue (40%)



Red (47%)

Yellow (42%)

Blue (40%)

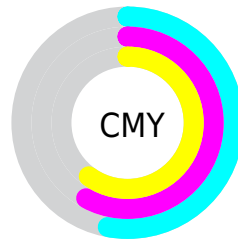


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3479, 15.2804, 14.9725 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 15.3479, 15.2804, 14.9725 by changing the saturation by 10% instead.

■ 15.3479, 15.2804,
14.9725

■ 15.3479, 15.2804,
14.9725

218.8093,
225.0572, 234.8348

■ 9.1518, 9.0164,
8.6537

■ 35.0290, 35.3443,
35.5466

■ 4.8982, 4.7519,
4.4223

■ 49.2448, 49.9131,
50.6389

■ 2.2218, 2.1024,
1.8597

■ 66.8645, 68.0189,
69.4927

■ 0.7542, 0.6660,
0.4669

■ 88.2534, 90.0461,
92.5268

■ 0.0000, 0.0000,
0.0000

113.7770,
116.3791, 120.1594

143.8006,

147.4024, 152.8093

178.6896,
183.5003, 190.8949

■ 15.3479, 15.2804,
14.9725

■ 15.3479, 15.2804,
14.9725

■ 13.8282, 13.1365,
11.7045

■ 17.0723, 17.6949,
18.7356

■ 12.5042, 11.2518,
8.9101

■ 19.0073, 20.3870,
23.0123

■ 11.3683, 9.6171,
6.5675

■ 21.1603, 23.3657,
27.8213

■ 10.4117, 8.2217,
4.6527

■ 23.5377, 26.6394,
33.1799

■ 9.6252, 7.0543,
3.1399

■ 26.1458, 30.2158,
39.1050

■ 8.9984, 6.1026,
2.0000

■ 28.9907, 34.1023,
45.6124

■ 8.5198, 5.3532,
1.2004

■ 32.0782, 38.3064,
52.7175

■ 8.1750, 4.7903,
0.6948

■ 35.4138, 42.8350,
60.4349

■ 8.0175, 4.5365,
0.4531

■ 39.0031, 47.6949,
68.7790

Harmonies

Analogous

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



15.5486, 15.2804, 16.3056



15.3479, 15.2804, 14.9725



14.9270, 15.2804, 14.1243

Triad

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



15.3479, 15.2804, 14.9725



13.6171, 15.2804, 15.5188



14.6406, 15.2804, 19.6749

Complementary

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



15.3479, 15.2804, 14.9725



15.3448, 16.9618, 20.2345

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.



14.1274, 15.2804, 19.4331



15.3479, 15.2804, 14.9725



13.5446, 15.2804, 16.9744

Square

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



15.3479, 15.2804, 14.9725



13.9298, 15.2804, 14.4262



13.7293, 15.2804, 18.4221



15.1339, 15.2804, 19.0646

Rectangle

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



15.3479, 15.2804, 14.9725



14.5826, 15.2804, 13.9176



13.7293, 15.2804, 18.4221



14.4647, 15.2804, 19.6911

Sweetspot

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



15.3483, 15.2811, 14.9728



30.0490, 31.1527, 33.0006



15.8168, 14.9820, 18.9393



7.0723, 7.3145, 7.7132



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

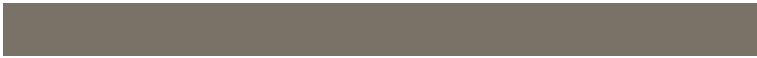
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.3483, 15.2811, 14.9728



26.0872, 25.5994, 24.3723



16.2490, 17.0824, 15.2730



4.0503, 4.1190, 4.2061



8.7383, 4.9326, 0.4915



41.2307, 22.6248, 2.1939

Inverse Universe

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



15.3448, 16.9618, 20.2345



26.0794, 29.1551, 35.5060



14.4170, 15.1061, 19.9252



4.0497, 4.3978, 5.0786



8.5371, 11.1566, 21.0888



40.1652, 52.1030, 100.4098

Previews

White Background



This preview shows how the XYZ color 15.3479, 15.2804, 14.9725 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 15.3479, 15.2804, 14.9725 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

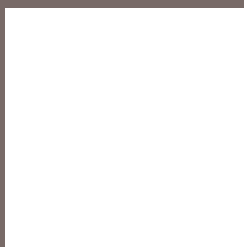
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3479, 15.2804, 14.9725

Background



This preview shows how black text looks on a background with the XYZ color 15.3479, 15.2804, 14.9725.



This preview shows how white text looks on a background with the XYZ color 15.3479, 15.2804,

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

15.3479, 15.2804, 14.9725

Protanopia

14.6494, 15.3815, 15.2935

Deuteranopia

15.5258, 15.2200, 14.9514



Tritanopia

15.9174, 15.3604, 17.7487

Trichromacy



Original Color

15.3479, 15.2804, 14.9725

Protanomaly

14.9315, 15.3694, 15.2763

Deuteranomaly

15.3849, 15.1474, 14.9448

Tritanomaly

15.6970, 15.2722, 16.5885

Monochromacy



Original Color

15.3479, 15.2804, 14.9725

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0619, 15.5762, 16.1226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3479, 15.2804, 14.9725 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(120, 106, 103)` looks like.

```
.text, #text, p{  
    color:rgb(120, 106, 103)  
}
```

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(120, 106, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 106, 103) }
```

Border

The CSS property to change the border of an element to XYZ 15.3479, 15.2804, 14.9725 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(120, 106, 103) }
```


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

```
.border{ border-color:rgb(120, 106, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 106, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 106, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 106, 103);  
box-shadow:4px 4px 4px 4px rgb(120, 106,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3479, 15.2804, 14.9725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 106, 103) }
```

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

```
.background{ background-color: rgb(120,  
106, 103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor