

Converting Colors

XYZ(15.3854, 13.9991, 13.9073)

Have a look what the booklet for
XYZ(15.3854, 13.9991, 13.9073)
contains.

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Color

**XYZ(15.4770, 14.0587,
13.9545)**

Conversions

Conversions Part 1

Format	Color
Hex	806164
RGB	128, 97, 100
RGB Percent	50%, 38%, 39%
CMY	0.4980, 0.6196, 0.6078
CMYK	0.00, 0.24, 0.22, 0.50
HSL	354°, 14%, 44%
HSV	354°, 24%, 50%
XYZ	15.4770, 14.0587, 13.9545
YIQ	106.6110, 17.5130, 7.5050

Conversions

Conversions Part 2

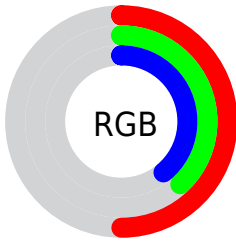
Format	Color
R_{YB}	128, 97, 100
Decimal	8413540
CIE _{Lab}	44.32, 13.05, 3.16
CIE _{LCh}	44, 13.426, 13.609
Yxy	14.0587, 0.3559, 0.3233
Android (android.graphics.Color)	4286603620 (0xFF806164)
YUV	106.6110, -3.2592, 18.7582
Hunter-Lab	37.4949, 8.0643, 4.1805

Details

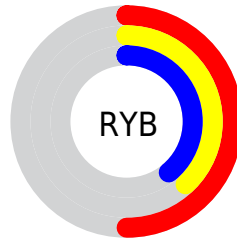
The XYZ color **15.4770, 14.0587, 13.9545** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.3511, 19.4606, 22.2974**, and the grayscale version is **13.8732, 14.5957, 15.8947**.

A 20% lighter version of the original color is **35.2319, 33.2379, 33.8368**, and **4.9251, 4.1579, 3.9111** is the 20% darker color. If you saturate the color by 10%, you get **13.8679, 11.6734, 10.8503**, and if you desaturate by 10%, it is **17.3572, 16.8588, 17.5413**.

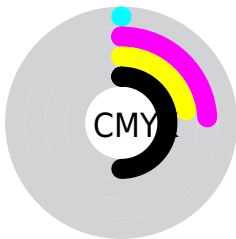
Distribution



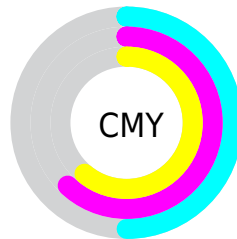
- Red (50%)
- Green (38%)
- Blue (39%)



- Red (50%)
- Yellow (38%)
- Blue (39%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4770, 14.0587, 13.9545 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 15.4770, 14.0587, 13.9545 by changing the saturation by 10% instead.

■ 15.4770, 14.0587,
13.9545

■ 15.4770, 14.0587,
13.9545

219.5671,
217.5957, 228.3662

■ 9.2433, 8.1615,
7.9506

■ 35.2527, 33.1931,
33.7242

■ 4.9586, 4.1985,
3.9761

■ 49.5254, 47.1992,
48.3272

■ 2.2575, 1.7852,
1.6122

■ 67.2084, 64.6770,
66.6336

■ 0.7728, 0.4779,
0.2995

■ 88.6673, 86.0109,
89.0620

■ 0.0000, 0.0000,
0.0000

114.2672,
111.5853, 116.0309

144.3736,

141.7847, 147.9589

179.3517,
176.9933, 185.2644

■ 15.4770, 14.0587,
13.9545

■ 15.4770, 14.0587,
13.9545

■ 13.8679, 11.6734,
10.8503

■ 17.3572, 16.8588,
17.5413

■ 12.5163, 9.6812,
8.2073

■ 19.5190, 20.0901,
21.6291

■ 11.4090, 8.0618,
6.0036

■ 21.9737, 23.7704,
26.2365

■ 10.5315, 6.7919,
4.2155

■ 24.7317, 27.9160,
31.3810

■ 9.8674, 5.8456,
2.8166

■ 27.8029, 32.5423,
37.0789

■ 9.3983, 5.1937,
1.7779

■ 31.1968, 37.6641,
43.3463

■ 9.1005, 4.7971,
1.0653

■ 34.9224, 43.2954,
50.1982

■ 8.9708, 4.6167,
0.7784

■ 38.9883, 49.4499,
57.6493

■ 43.4029, 56.1405,
65.7138

Harmonies

Analogous

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



15.4483, 14.0587, 17.0422



15.4770, 14.0587, 13.9545



14.9180, 14.0587, 11.5717

Triad

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



15.4770, 14.0587, 13.9545



11.9848, 14.0587, 11.4037



12.7867, 14.0587, 21.7287

Complementary

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



15.4770, 14.0587, 13.9545



16.3511, 19.4606, 22.2974

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.



11.9189, 14.0587, 19.7716



15.4770, 14.0587, 13.9545



11.4732, 14.0587, 13.6948

Square

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



15.4770, 14.0587, 13.9545



12.8812, 14.0587, 10.2382



11.4497, 14.0587, 16.7453



13.8554, 14.0587, 21.8229

Rectangle

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



15.4770, 14.0587, 13.9545



14.3038, 14.0587, 10.5873



11.4497, 14.0587, 16.7453



12.4632, 14.0587, 21.2561

Sweetspot

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



15.4774, 14.0593, 13.9548



33.1925, 33.6155, 35.8681



16.6142, 14.4610, 22.3376



7.7304, 7.8092, 8.3206



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.4774, 14.0593, 13.9548



25.6480, 22.3756, 21.4871



16.5715, 16.4756, 13.6168



4.3434, 4.3505, 4.6127



8.8954, 4.5779, 0.7733



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.4774, 14.0593, 13.9548



25.6480, 22.3756, 21.4871



15.0260, 16.4992, 22.8147



4.3434, 4.3505, 4.6127



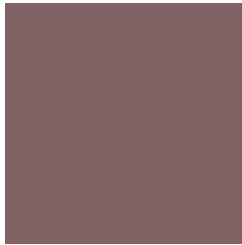
8.8954, 4.5779, 0.7733



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4770, 14.0587, 13.9545 looks on a white background.

Color Contrast Check

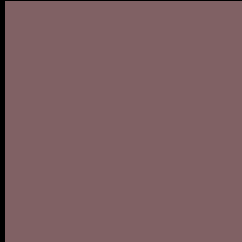
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4770, 14.0587, 13.9545 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 15.4770, 14.0587, 13.9545

Background



This preview shows how black text looks on a background with the XYZ color 15.4770, 14.0587, 13.9545.



This preview shows how white text looks on a background with the XYZ color 15.4770, 14.0587,

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

15.4770, 14.0587, 13.9545

Protanopia

13.6137, 14.2284, 15.1255

Deuteranopia

14.2419, 13.9901, 13.7541



Tritanopia

15.5836, 13.9544, 14.9688

Trichromacy



Original Color

15.4770, 14.0587, 13.9545

Protanomaly

14.2698, 14.1269, 14.8066

Deuteranomaly

14.6945, 14.0801, 13.7476

Tritanomaly

15.5331, 13.9342, 14.7028

Monochromacy



Original Color

15.4770, 14.0587, 13.9545

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.4192, 14.3448, 15.1056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4770, 14.0587, 13.9545 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(128, 97, 100)` looks like.

```
.text, #text, p{  
  color:rgb(128, 97, 100)  
}
```

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(128, 97, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 97, 100) }
```

Border

The CSS property to change the border of an element to XYZ 15.4770, 14.0587, 13.9545 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(128, 97, 100) }
```


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

```
.border{ border-color:rgb(128, 97, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 97, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 97, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 97, 100);  
box-shadow:4px 4px 4px 4px rgb(128, 97,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4770, 14.0587, 13.9545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 97, 100) }
```

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

```
.background{ background-color: rgb(128, 97,  
100) }
```

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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