

Converting Colors

XYZ(15.5370, 14.1475, 10.3767)

Have a look what the booklet for
XYZ(15.5370, 14.1475, 10.3767)
contains.

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Color

**XYZ(15.5478, 14.1760,
10.3043)**

Conversions

Conversions Part 1

Format	Color
Hex	856154
RGB	133, 97, 84
RGB Percent	52%, 38%, 33%
CMY	0.4784, 0.6196, 0.6706
CMYK	0.00, 0.27, 0.37, 0.48
HSL	16°, 23%, 43%
HSV	16°, 37%, 52%
XYZ	15.5478, 14.1760, 10.3043
YIQ	106.2820, 25.6290, 3.5890

Conversions

Conversions Part 2

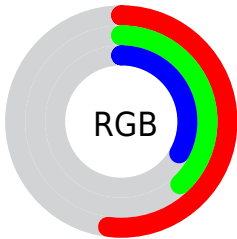
Format	Color
RYB	133, 102, 84
Decimal	8741204
CIELab	44.48, 12.74, 13.14
CIELCh	44, 18.306, 45.882
Yxy	14.1760, 0.3884, 0.3542
Android (android.graphics.Color)	4286931284 (0xFF856154)
YUV	106.2820, -10.9850, 23.4317
Hunter-Lab	37.6510, 7.8214, 10.1293

Details

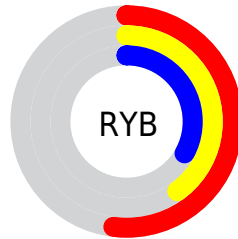
The XYZ color **15.5478, 14.1760, 10.3043** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.6061, 17.0107, 24.7039**, and the grayscale version is **13.8016, 14.5203, 15.8126**.

A 20% lighter version of the original color is **35.3865, 33.4658, 27.1487**, and **4.9865, 4.2215, 2.4715** is the 20% darker color. If you saturate the color by 10%, you get **14.2277, 12.2918, 7.5337**, and if you desaturate by 10%, it is **17.0788, 16.3236, 13.6336**.

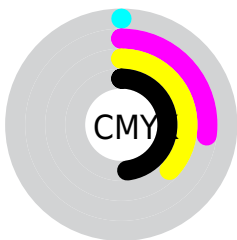
Distribution



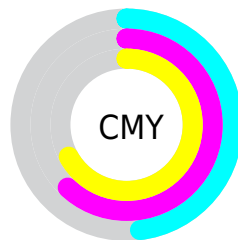
- Red (52%)
- Green (38%)
- Blue (33%)



- Red (52%)
- Yellow (40%)
- Blue (33%)



- Cyan (0%)
- Magenta (27%)
- Yellow (37%)
- Black (48%)





- Cyan (48%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5478, 14.1760, 10.3043 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 15.5478, 14.1760, 10.3043 by changing the saturation by 10% instead.


 15.5478, 14.1760,
10.3043


 15.5478, 14.1760,
10.3043

219.9816,
218.3230, 203.3934


 9.2935, 8.2432,
5.4929


 35.3752, 33.4010,
26.9830


 4.9918, 4.2509,
2.4755

 49.6790, 47.4619,
39.6875


 2.2772, 1.8149,
0.8272

 67.3968, 65.0011,
55.8600

 0.7829, 0.4964,
0.0000

 88.8938, 86.4028,
75.9192

 0.0000, 0.0000,
0.0000

 114.5354,
112.0514, 100.2836

144.6871,

142.3314, 129.3718

179.7140,
177.6271, 163.6022

■ 15.5478, 14.1760,
10.3043

■ 15.5478, 14.1760,
10.3043

■ 14.2277, 12.2918,
7.5337

■ 17.0788, 16.3236,
13.6336

■ 13.1078, 10.6586,
5.2900

■ 18.8286, 18.7422,
17.5492

■ 12.1779, 9.2662,
3.5395

■ 20.8060, 21.4418,
22.0781

■ 11.4266, 8.1025,
2.2443

■ 23.0190, 24.4311,
27.2450

■ 10.8411, 7.1548,
1.3607

■ 25.4752, 27.7184,
33.0736

■ 10.4012, 6.4064,
0.8090

■ 28.1819, 31.3119,
39.5863

■ 10.2826, 6.2059,
0.6559

■ 31.1459, 35.2191,
46.8042

■ 34.3740, 39.4477,
54.7478

■ 37.8725, 44.0046,
63.4366

Harmonies

Analogous

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



16.3922, 14.1760, 13.3160



15.5478, 14.1760, 10.3043



14.1781, 14.1760, 8.8182

Triad

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



15.5478, 14.1760, 10.3043



10.9046, 14.1760, 13.5362



14.2656, 14.1760, 24.6477

Complementary

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



15.5478, 14.1760, 10.3043



14.6061, 17.0107, 24.7039

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.



12.7934, 14.1760, 24.7363



15.5478, 14.1760, 10.3043



10.9242, 14.1760, 17.7682

Square

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



15.5478, 14.1760, 10.3043



11.5373, 14.1760, 10.4400



11.5931, 14.1760, 22.0370



15.6159, 14.1760, 21.8134

Rectangle

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



15.5478, 14.1760, 10.3043



13.1851, 14.1760, 8.6793



11.5931, 14.1760, 22.0370



13.7668, 14.1760, 25.0149

Sweetspot

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



15.5482, 14.1767, 10.3046



35.6470, 36.2036, 35.8236



16.2792, 12.7017, 19.6027



7.9416, 8.0344, 7.8661



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.5482, 14.1767, 10.3046



25.8868, 22.5992, 14.3324



18.0802, 19.2408, 11.1486



4.7657, 4.8750, 4.9192



9.8003, 5.9232, 0.6268



0.0393, 0.0311, 0.0039

Inverse Universe

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



14.6061, 17.0107, 24.7039



23.9389, 28.4127, 43.9609



12.0957, 11.9899, 23.8671



4.6999, 5.0754, 5.9327



8.1736, 9.8951, 22.6158



0.0343, 0.0463, 0.0803

Previews

White Background



This preview shows how the XYZ color 15.5478, 14.1760, 10.3043 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 15.5478, 14.1760, 10.3043 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 15.5478, 14.1760, 10.3043

Background



This preview shows how black text looks on a background with the XYZ color 15.5478, 14.1760, 10.3043.



This preview shows how white text looks on a background with the XYZ color 15.5478, 14.1760,

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

15.5478, 14.1760, 10.3043

Protanopia

13.3686, 14.1872, 11.2663

Deuteranopia

14.3834, 14.1428, 10.1554



Tritanopia

16.3927, 14.1156, 14.4310

Trichromacy



Original Color

15.5478, 14.1760, 10.3043

Protanomaly

14.0794, 14.1128, 10.9988

Deuteranomaly

14.8709, 14.2509, 10.1505

Tritanomaly

15.9893, 14.0790, 12.7013

Monochromacy



Original Color

15.5478, 14.1760, 10.3043

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.2573, 14.2953, 13.5631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5478, 14.1760, 10.3043 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(133, 97, 84)` looks like.

```
.text, #text, p{  
    color:rgb(133, 97, 84)  
}
```

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(133, 97, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 97, 84) }
```

Border

The CSS property to change the border of an element to XYZ 15.5478, 14.1760, 10.3043 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(133, 97, 84) }
```


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

```
.border{ border-color:rgb(133, 97, 84) }
```

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

Here you see how a box with a 4 pixel rgb(133, 97, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 97, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 97, 84);  
box-shadow:4px 4px 4px 4px rgb(133, 97,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5478, 14.1760, 10.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 97, 84) }
```

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

```
.background{ background-color: rgb(133, 97,  
84) }
```

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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