

Converting Colors

XYZ(15.1540, 14.1809, 10.5577)

Have a look what the booklet for
XYZ(15.1540, 14.1809, 10.5577)
contains.

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Color

**XYZ(15.1548, 14.2467,
10.5455)**

Conversions

Conversions Part 1

Format	Color
Hex	816355
RGB	129, 99, 85
RGB Percent	51%, 39%, 33%
CMY	0.4941, 0.6118, 0.6667
CMYK	0.00, 0.23, 0.34, 0.49
HSL	19°, 21%, 42%
HSV	19°, 34%, 51%
XYZ	15.1548, 14.2467, 10.5455
YIQ	106.3740, 22.3740, 2.0060

Conversions

Conversions Part 2

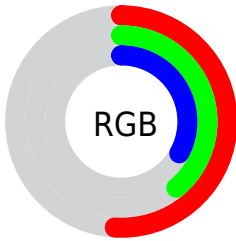
Format	Color
R _Y B	129, 106, 85
Decimal	8479573
CIE Lab	44.58, 9.99, 12.61
CIE LCh	45, 16.085, 51.620
Yxy	14.2467, 0.3794, 0.3566
Android (android.graphics.Color)	4286669653 (0xFF816355)
YUV	106.3740, -10.5374, 19.8430
Hunter-Lab	37.7448, 5.6156, 9.8564

Details

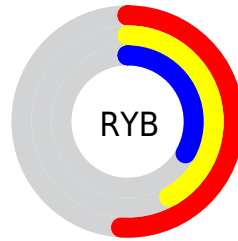
The XYZ color **15.1548, 14.2467, 10.5455** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.8393, 15.7772, 23.0848**, and the grayscale version is **13.8264, 14.5464, 15.8410**.

A 20% lighter version of the original color is **34.8080, 33.6292, 27.5782**, and **4.7529, 4.2289, 2.5732** is the 20% darker color. If you saturate the color by 10%, you get **13.9001, 12.4839, 7.8252**, and if you desaturate by 10%, it is **16.5945, 16.2297, 13.7888**.

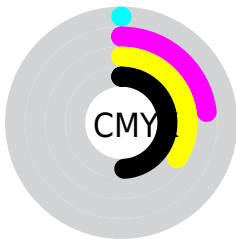
Distribution



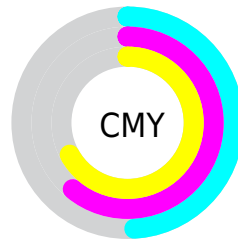
- Red (51%)
- Green (39%)
- Blue (33%)



- Red (51%)
- Yellow (42%)
- Blue (33%)



- Cyan (0%)
- Magenta (23%)
- Yellow (34%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1548, 14.2467, 10.5455 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 15.1548, 14.2467, 10.5455 by changing the saturation by 10% instead.

■ 15.1548, 14.2467,
10.5455

■ 15.1548, 14.2467,
10.5455

217.6711,
218.7602, 205.1465

■ 9.0151, 8.2924,
5.6518

■ 34.6939, 33.5261,
27.4403

■ 4.8082, 4.2826,
2.5692

■ 48.8241, 47.6201,
40.2785

■ 2.1688, 1.8329,
0.8765

■ 66.3485, 65.1961,
56.6019

■ 0.7262, 0.5076,
0.0000

■ 87.6325, 86.6385,
76.8291

■ 0.0000, 0.0000,
0.0000

■ 113.0414,
112.3317, 101.3786

142.9405,

142.6601, 130.6690

177.6953,
178.0082, 165.1188

■ 15.1548, 14.2467,
10.5455

■ 15.1548, 14.2467,
10.5455

■ 13.9001, 12.4839,
7.8252

■ 16.5945, 16.2297,
13.7888

■ 12.8212, 10.9316,
5.5993

■ 18.2255, 18.4383,
17.5799

■ 11.9100, 9.5820,
3.8378

■ 20.0552, 20.8803,
21.9431

■ 11.1570, 8.4263,
2.5069

■ 22.0903, 23.5624,
26.9008

■ 10.5517, 7.4547,
1.5682

■ 24.3371, 26.4910,
32.4745

■ 10.0811, 6.6562,
0.9717

■ 26.8017, 29.6723,
38.6843

■ 9.8481, 6.2567,
0.6886

■ 29.4899, 33.1124,
45.5497

■ 32.4072, 36.8169,
53.0890

■ 35.5591, 40.7915,
61.3201

Harmonies

Analogous

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



16.0030, 14.2467, 13.0189



15.1548, 14.2467, 10.5455



13.9090, 14.2467, 9.4478

Triad

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



15.1548, 14.2467, 10.5455



11.2134, 14.2467, 14.4911



14.4841, 14.2467, 23.1734

Complementary

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



15.1548, 14.2467, 10.5455



13.8393, 15.7772, 23.0848

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.



13.1796, 14.2467, 23.7367



15.1548, 14.2467, 10.5455



11.3455, 14.2467, 18.3052

Square

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



15.1548, 14.2467, 10.5455



11.6728, 14.2467, 11.4748



12.0461, 14.2467, 21.8352



15.5988, 14.2467, 20.4005

Rectangle

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



15.1548, 14.2467, 10.5455



13.0433, 14.2467, 9.4985



12.0461, 14.2467, 21.8352



14.0513, 14.2467, 23.6435

Sweetspot

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



15.1552, 14.2474, 10.5458



33.8641, 34.6626, 34.3844



15.4002, 12.4036, 17.8223



7.5799, 7.7319, 7.5807



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.



15.1552, 14.2474, 10.5458



25.3474, 23.0016, 14.9828



17.5223, 18.9816, 11.3348



4.4308, 4.5504, 4.5649



9.6054, 6.1072, 0.6726



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.8393, 15.7772, 23.0848



22.6054, 26.1705, 41.0525



11.6291, 11.3569, 22.3481



4.3346, 4.6632, 5.4849



7.2655, 8.3494, 21.4786



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1548, 14.2467, 10.5455 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 15.1548, 14.2467, 10.5455 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 15.1548, 14.2467, 10.5455

Background



This preview shows how black text looks on a background with the XYZ color 15.1548, 14.2467, 10.5455.

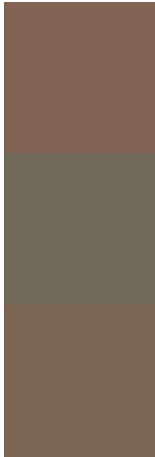


This preview shows how white text looks on a background with the XYZ color 15.1548, 14.2467,

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

15.1548, 14.2467, 10.5455

Protanopia

13.4951, 14.2525, 11.2723

Deuteranopia

14.4618, 14.1742, 10.5680



Tritanopia

16.0416, 14.1905, 14.9903

Trichromacy



Original Color

15.1548, 14.2467, 10.5455

Protanomaly

14.0418, 14.2402, 11.0254

Deuteranomaly

14.6543, 14.1302, 10.5494

Tritanomaly

15.6383, 14.1583, 13.2179

Monochromacy



Original Color

15.1548, 14.2467, 10.5455

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.9943, 14.1597, 13.5508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1548, 14.2467, 10.5455 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(129, 99, 85)` looks like.

```
.text, #text, p{  
    color:rgb(129, 99, 85)  
}
```

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(129, 99, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 99, 85) }
```

Border

The CSS property to change the border of an element to XYZ 15.1548, 14.2467, 10.5455 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(129, 99, 85) }
```


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

```
.border{ border-color:rgb(129, 99, 85) }
```

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

Here you see how a box with a 4 pixel rgb(129, 99, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 99, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 99, 85);  
box-shadow:4px 4px 4px 4px rgb(129, 99,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1548, 14.2467, 10.5455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 99, 85) }
```

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

```
.background{ background-color: rgb(129, 99,  
85) }
```

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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