

Converting Colors

XYZ(14.5915, 11.7009, 10.1695)

Have a look what the booklet for
XYZ(14.5915, 11.7009, 10.1695)
contains.

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Color

**XYZ(14.5738, 11.6916,
10.0829)**

Conversions

Conversions Part 1

Format	Color
Hex	875155
RGB	135, 81, 85
RGB Percent	53%, 32%, 33%
CMY	0.4706, 0.6823, 0.6667
CMYK	0.00, 0.40, 0.37, 0.47
HSL	356°, 25%, 42%
HSV	356°, 40%, 53%
XYZ	14.5738, 11.6916, 10.0829
YIQ	97.6020, 30.9000, 12.6920

Conversions

Conversions Part 2

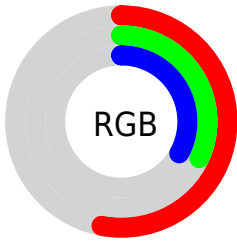
Format	Color
R_{YB}	135, 81, 85
Decimal	8868181
CIE _{Lab}	40.72, 23.13, 7.31
CIE _{LCh}	41, 24.256, 17.545
Yxy	11.6916, 0.4009, 0.3217
Android (android.graphics.Color)	4287058261 (0xFF875155)
YUV	97.6020, -6.2128, 32.7980
Hunter-Lab	34.1930, 16.2429, 6.4515

Details

The XYZ color **14.5738, 11.6916, 10.0829** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.1546, 20.7163, 24.6210**, and the grayscale version is **11.5205, 12.1205, 13.1992**.

A 20% lighter version of the original color is **33.7247, 28.9290, 26.7280**, and **4.5513, 3.1943, 2.3842** is the 20% darker color. If you saturate the color by 10%, you get **13.2150, 9.6998, 7.3925**, and if you desaturate by 10%, it is **16.2205, 14.1186, 13.3024**.

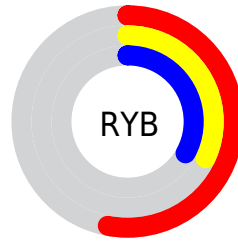
Distribution



Red (53%)

Green (32%)

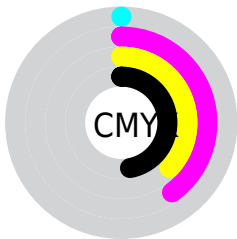
Blue (33%)



Red (53%)

Yellow (32%)

Blue (33%)

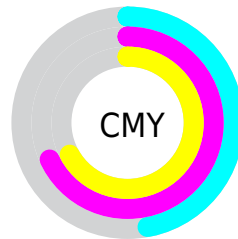


Cyan (0%)

Magenta (40%)

Yellow (37%)

Black (47%)



Cyan (47%)

Magenta (68%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5738, 11.6916, 10.0829 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 14.5738, 11.6916, 10.0829 by changing the saturation by 10% instead.

■ 14.5738, 11.6916,
10.0829

■ 14.5738, 11.6916,
10.0829

214.2118,
202.3528, 201.7690

■ 8.6052, 6.5340,
5.3476

■ 33.6816, 28.9322,
26.5616

■ 4.5396, 3.1724,
2.3904

■ 47.5514, 41.7840,
39.1420

■ 2.0117, 1.2224,
0.7812

■ 64.7858, 57.9693,
55.1747

■ 0.6405, 0.0799,
0.0000

■ 85.7499, 77.8725,
75.0780

■ 0.0000, 0.0000,
0.0000

■ 110.8092,
101.8781, 99.2705

140.3291,

130.3704, 128.1709

174.6748,
163.7338, 162.1975

■ 14.5738, 11.6916,
10.0829

■ 14.5738, 11.6916,
10.0829

■ 13.2150, 9.6998,
7.3925

■ 16.2205, 14.1186,
13.3024

■ 12.1266, 8.1158,
5.2022

■ 18.1692, 17.0026,
17.0766

■ 11.2908, 6.9119,
3.4814

■ 20.4345, 20.3660,
21.4301


■ 10.6871, 6.0563,
2.1956


■ 23.0296, 24.2292,
26.3858


■ 10.2918, 5.5117,
1.3059

■ 25.9669, 28.6115,
31.9655


 10.0465, 5.1729,
0.7560

 29.2582, 33.5311,
38.1899

 10.0465, 5.1728,
0.7559

 32.9149, 39.0053,
45.0786

 36.9477, 45.0507,
52.6506

 41.3668, 51.6832,
60.9238

Harmonies

Analogous

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



14.6651, 11.6916, 14.8843



14.5738, 11.6916, 10.0829



13.4979, 11.6916, 6.9424

Triad

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



14.5738, 11.6916, 10.0829



8.8465, 11.6916, 7.3470



10.4143, 11.6916, 24.4004

Complementary

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



14.5738, 11.6916, 10.0829



16.1546, 20.7163, 24.6210

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.



9.0261, 11.6916, 21.0757



14.5738, 11.6916, 10.0829



8.1857, 11.6916, 10.7946

Square

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



14.5738, 11.6916, 10.0829



10.1450, 11.6916, 5.6661



8.2479, 11.6916, 15.8044



12.1397, 11.6916, 24.0660

Rectangle

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



14.5738, 11.6916, 10.0829



12.4243, 11.6916, 5.8294



8.2479, 11.6916, 15.8044



9.8965, 11.6916, 23.6441

Sweetspot

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



14.5741, 11.6922, 10.0831



35.6219, 35.0263, 36.5132



16.5988, 12.4202, 24.4442



8.1443, 7.9552, 8.2540



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.5741, 11.6922, 10.0831



23.8693, 17.6682, 13.6447



16.3774, 15.5457, 9.9227



4.6855, 4.6939, 4.9563



9.2663, 4.7709, 0.7089



0.0330, 0.0169, 0.0069

Inverse Universe

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



14.5741, 11.6922, 10.0831



23.8693, 17.6682, 13.6447



13.6165, 15.1981, 25.1376



4.6855, 4.6939, 4.9563



9.2663, 4.7709, 0.7089



0.0330, 0.0169, 0.0069

Previews

White Background



This preview shows how the XYZ color 14.5738, 11.6916, 10.0829 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 14.5738, 11.6916, 10.0829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

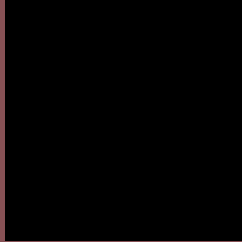
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5738, 11.6916, 10.0829

Background



This preview shows how black text looks on a background with the XYZ color 14.5738, 11.6916, 10.0829.



This preview shows how white text looks on a background with the XYZ color 14.5738, 11.6916,

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

14.5738, 11.6916, 10.0829

Protanopia

11.3042, 11.8087, 12.0394

Deuteranopia

12.0312, 11.8327, 9.8334



Tritanopia

14.6544, 11.7239, 10.5074

Trichromacy



Original Color

14.5738, 11.6916, 10.0829

Protanomaly

12.2686, 11.6651, 11.2778

Deuteranomaly

12.9183, 11.7779, 9.9800

Tritanomaly

14.6138, 11.7076, 10.2937

Monochromacy



Original Color

14.5738, 11.6916, 10.0829

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.3585, 11.8241, 11.9868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5738, 11.6916, 10.0829 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(135, 81, 85)` looks like.

```
.text, #text, p{  
    color:rgb(135, 81, 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(135, 81, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 81, 85) }
```

Border

The CSS property to change the border of an element to XYZ 14.5738, 11.6916, 10.0829 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(135, 81, 85) }
```


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

```
.border{ border-color:rgb(135, 81, 85) }
```

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

Here you see how a box with a 4 pixel rgb(135, 81, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 81, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 81, 85);  
box-shadow:4px 4px 4px 4px rgb(135, 81,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5738, 11.6916, 10.0829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 81, 85) }
```

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

```
.background{ background-color: rgb(135, 81,  
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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