

Converting Colors

XYZ(14.5912, 12.3359, 11.1201)

Have a look what the booklet for
XYZ(14.5912, 12.3359, 11.1201)
contains.

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Color

**XYZ(14.5714, 12.3630,
11.0695)**

Conversions

Conversions Part 1

Format	Color
Hex	835759
RGB	131, 87, 89
RGB Percent	51%, 34%, 35%
CMY	0.4863, 0.6588, 0.6510
CMYK	0.00, 0.34, 0.32, 0.49
HSL	357°, 20%, 43%
HSV	357°, 34%, 51%
XYZ	14.5714, 12.3630, 11.0695
YIQ	100.3840, 25.5820, 9.9500

Conversions

Conversions Part 2

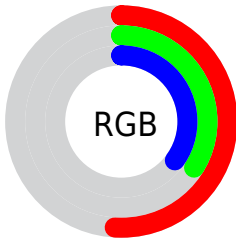
Format	Color
R_{YB}	131, 87, 89
Decimal	8607577
CIE _{Lab}	41.79, 18.52, 6.29
CIE _{LCh}	42, 19.559, 18.758
Yxy	12.3630, 0.3834, 0.3253
Android (android.graphics.Color)	4286797657 (0xFF835759)
YUV	100.3840, -5.6123, 26.8502
Hunter-Lab	35.1611, 12.4419, 5.9469

Details

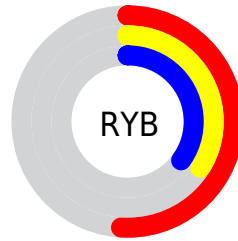
The XYZ color **14.5714, 12.3630, 11.0695** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.0097, 19.8440, 23.7564**, and the grayscale version is **12.2209, 12.8573, 14.0017**.

A 20% lighter version of the original color is **33.6134, 30.0697, 28.4585**, and **4.5558, 3.4732, 2.8131** is the 20% darker color. If you saturate the color by 10%, you get **13.1242, 10.2387, 8.2127**, and if you desaturate by 10%, it is **16.3010, 14.9091, 14.4609**.

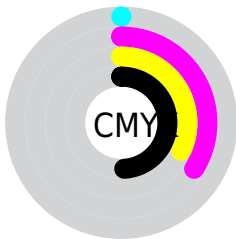
Distribution



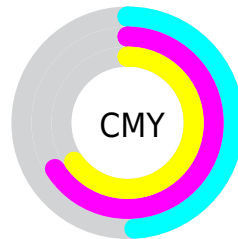
- Red (51%)
- Green (34%)
- Blue (35%)



- Red (51%)
- Yellow (34%)
- Blue (35%)



- Cyan (0%)
- Magenta (34%)
- Yellow (32%)
- Black (49%)



- Cyan (49%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5714, 12.3630, 11.0695 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 14.5714, 12.3630, 11.0695 by changing the saturation by 10% instead.

■ 14.5714, 12.3630,
11.0695

■ 14.5714, 12.3630,
11.0695

214.1974,
206.7939, 208.8983

■ 8.6035, 6.9914,
5.9988

■ 33.6774, 30.1545,
28.4272

■ 4.5385, 3.4567,
2.7756

■ 47.5462, 43.3433,
41.5514

■ 2.0111, 1.3746,
0.9812

■ 64.7793, 59.9065,
58.1971

■ 0.6402, 0.1979,
0.0000

■ 85.7421, 80.2286,
78.7829

■ 0.0000, 0.0000,
0.0000

■ 110.7999,
104.6940, 103.7274

140.3182,

133.6871, 133.4491

174.6622,
167.5922, 168.3666

■ 14.5714, 12.3630,
11.0695

■ 14.5714, 12.3630,
11.0695

■ 13.1242, 10.2387,
8.2127

■ 16.3010, 14.9091,
14.4609

■ 11.9434, 8.5119,
5.8624

■ 18.3258, 17.8963,
18.4115

■ 11.0132, 7.1584,
3.9895

■ 20.6591, 21.3446,
22.9451

■ 10.3153, 6.1505,
2.5611

■ 23.3131, 25.2724,
28.0841

■ 9.8293, 5.4570,
1.5405

■ 26.2991, 29.6972,
33.8495

■ 9.5303, 5.0393,
0.8847

■ 29.6282, 34.6354,
40.2615

■ 9.3926, 4.8383,
0.6096

■ 33.3107, 40.1028,
47.3393

■ 37.3567, 46.1144,
55.1014

■ 41.7757, 52.6848,
63.5654

Harmonies

Analogous

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



14.6801, 12.3630, 15.0666



14.5714, 12.3630, 11.0695



13.6716, 12.3630, 8.3369

Triad

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



14.5714, 12.3630, 11.0695



9.7897, 12.3630, 8.8822



11.2192, 12.3630, 22.8297

Complementary

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



14.5714, 12.3630, 11.0695



16.0097, 19.8440, 23.7564

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.



10.0187, 12.3630, 20.3453



14.5714, 12.3630, 11.0695



9.2394, 12.3630, 11.9741

Square

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



14.5714, 12.3630, 11.0695



10.8828, 12.3630, 7.2636



9.3197, 12.3630, 16.1748



12.6634, 12.3630, 22.4494

Rectangle

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



14.5714, 12.3630, 11.0695



12.7824, 12.3630, 7.3418



9.3197, 12.3630, 16.1748



10.7760, 12.3630, 22.2845

Sweetspot

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



14.5717, 12.3636, 11.0697



34.1566, 34.0259, 35.5758



16.5281, 13.1072, 23.1314



7.8388, 7.7541, 8.0619



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.



14.5717, 12.3636, 11.0697



24.1449, 19.2769, 15.9782



16.3176, 15.9876, 11.2436



4.6805, 4.6919, 4.9299



9.2459, 4.7627, 0.6015



0.0326, 0.0167, 0.0048

Inverse Universe

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



14.5717, 12.3636, 11.0697



24.1449, 19.2769, 15.9782



13.7340, 15.0780, 23.6591



4.6805, 4.6919, 4.9299



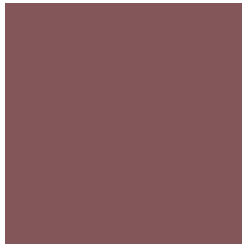
9.2459, 4.7627, 0.6015



0.0326, 0.0167, 0.0048

Previews

White Background



This preview shows how the XYZ color 14.5714, 12.3630, 11.0695 looks on a white background.

Color Contrast Check

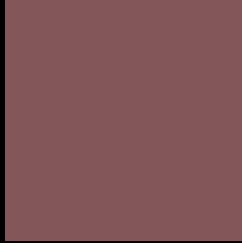
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5714, 12.3630, 11.0695 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 14.5714, 12.3630, 11.0695

Background



This preview shows how black text looks on a background with the XYZ color 14.5714, 12.3630, 11.0695.



This preview shows how white text looks on a background with the XYZ color 14.5714, 12.3630,

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

14.5714, 12.3630, 11.0695

Protanopia

12.0069, 12.5747, 12.6208

Deuteranopia

12.6226, 12.3832, 10.7417



Tritanopia

14.6636, 12.2712, 11.9516

Trichromacy



Original Color

14.5714, 12.3630, 11.0695

Protanomaly

12.8780, 12.4854, 12.0871

Deuteranomaly

13.3343, 12.3519, 10.9139

Tritanomaly

14.6196, 12.2536, 11.7199

Monochromacy



Original Color

14.5714, 12.3630, 11.0695

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.7591, 12.4085, 12.7889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5714, 12.3630, 11.0695 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(131, 87, 89)` looks like.

```
.text, #text, p{  
    color:rgb(131, 87, 89)  
}
```

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(131, 87, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 87, 89) }
```

Border

The CSS property to change the border of an element to XYZ 14.5714, 12.3630, 11.0695 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(131, 87, 89) }
```


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

```
.border{ border-color:rgb(131, 87, 89) }
```

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

Here you see how a box with a 4 pixel rgb(131, 87, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 87, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 87, 89);  
box-shadow:4px 4px 4px 4px rgb(131, 87,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5714, 12.3630, 11.0695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 87, 89) }
```

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

```
.background{ background-color: rgb(131, 87,  
89) }
```

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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