

Converting Colors

XYZ(13.9172, 11.3237, 7.1173)

Have a look what the booklet for
XYZ(13.9172, 11.3237, 7.1173)
contains.

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Color

**XYZ(13.9345, 11.3179,
7.0804)**

Conversions

Conversions Part 1

Format	Color
Hex	875045
RGB	135, 80, 69
RGB Percent	53%, 31%, 27%
CMY	0.4706, 0.6863, 0.7294
CMYK	0.00, 0.41, 0.49, 0.47
HSL	10°, 32%, 40%
HSV	10°, 49%, 53%
XYZ	13.9345, 11.3179, 7.0804
YIQ	95.1910, 36.3110, 8.2390

Conversions

Conversions Part 2

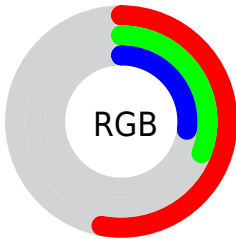
Format	Color
RYB	135, 82, 69
Decimal	8867909
CIELab	40.11, 21.79, 16.32
CIELCh	40, 27.221, 36.828
Yxy	11.3179, 0.4310, 0.3500
Android (android.graphics.Color)	4287057989 (0xFF875045)
YUV	95.1910, -12.9122, 34.9125
Hunter-Lab	33.6421, 15.0608, 11.0711

Details

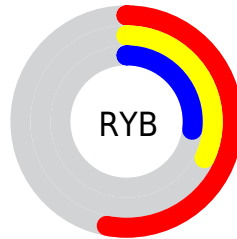
The XYZ color **13.9345, 11.3179, 7.0804** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.0347, 17.4289, 25.5460**, and the grayscale version is **10.9472, 11.5173, 12.5424**.

A 20% lighter version of the original color is **32.6794, 28.3260, 20.5747**, and **4.2382, 3.0125, 1.3354** is the 20% darker color. If you saturate the color by 10%, you get **12.8063, 9.6577, 4.8669**, and if you desaturate by 10%, it is **15.2965, 13.2933, 9.8426**.

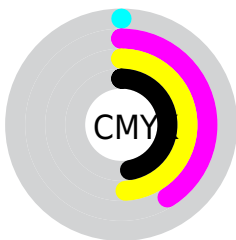
Distribution



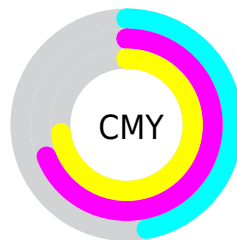
- Red (53%)
- Green (31%)
- Blue (27%)



- Red (53%)
- Yellow (32%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (49%)
- Black (47%)





- Cyan (47%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9345, 11.3179, 7.0804 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 13.9345, 11.3179, 7.0804 by changing the saturation by 10% instead.


 13.9345, 11.3179,
7.0804


 13.9345, 11.3179,
7.0804


210.3417,
199.8357, 177.9863


 8.1565, 6.2811,
3.4332


 32.5600, 28.2465,
20.6504


 4.2479, 3.0167,
1.3199

 46.1382, 40.9071,
31.4103


 1.8433, 1.1405,
0.0780

 63.0473, 56.8778,
45.3782

 0.5436, 0.0123,
0.0000

 83.6524, 76.5429,
62.9726

 0.0000, 0.0000,
0.0000

 108.3191,
100.2869, 84.6121

137.4127,

128.4941, 110.7151

171.2984,
161.5489, 141.7004

■ 13.9345, 11.3179,
7.0804

■ 13.9345, 11.3179,
7.0804

■ 12.8063, 9.6577,
4.8669

■ 15.2965, 13.2933,
9.8426

■ 11.8978, 8.2945,
3.1645

■ 16.9039, 15.5973,
13.1862

■ 11.1943, 7.2112,
1.9322

■ 18.7683, 18.2445,
17.1421

■ 10.6791, 6.3878,
1.1221

■ 20.9006, 21.2485,
21.7389

■ 10.3215, 5.7975,
0.6181

■ 23.3107, 24.6217,
27.0034

■ 10.2883, 5.7443,
0.5665

■ 26.0083, 28.3761,
32.9608

■ 29.0025, 32.5232,
39.6350

■ 32.3019, 37.0740,
47.0488

■ 35.9150, 42.0390,
55.2240

Harmonies

Analogous

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



14.7819, 11.3179, 11.1274



13.9345, 11.3179, 7.0804



12.2508, 11.3179, 5.0205

Triad

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



13.9345, 11.3179, 7.0804



7.7517, 11.3179, 8.6665



11.1950, 11.3179, 25.8064

Complementary

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



13.9345, 11.3179, 7.0804



14.0347, 17.4289, 25.5460

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.



9.3904, 11.3179, 24.5737



13.9345, 11.3179, 7.0804



7.5389, 11.3179, 13.6019

Square

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



13.9345, 11.3179, 7.0804



8.7237, 11.3179, 5.7313



8.1040, 11.3179, 19.6695



13.0847, 11.3179, 22.6659

Rectangle

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



13.9345, 11.3179, 7.0804



10.9596, 11.3179, 4.5815



8.1040, 11.3179, 19.6695



10.5576, 11.3179, 25.9012

Sweetspot

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



13.9348, 11.3185, 7.0806



34.9112, 34.5093, 33.4886



15.7579, 10.8625, 20.3349



7.9276, 7.7698, 7.4174



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.



13.9348, 11.3185, 7.0806



22.6771, 16.9133, 8.2242



16.9710, 17.3908, 8.0927



4.7307, 4.8050, 4.9075



9.4945, 5.3115, 0.5248



0.0365, 0.0257, 0.0030

Inverse Universe

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



14.0347, 17.4289, 25.5460



22.8512, 29.1893, 45.4781



10.5686, 10.4968, 24.3906



4.7373, 5.1503, 5.9452



9.4341, 12.4160, 23.0360



0.0370, 0.0517, 0.0813

Previews

White Background



This preview shows how the XYZ color 13.9345, 11.3179, 7.0804 looks on a white background.

Color Contrast Check

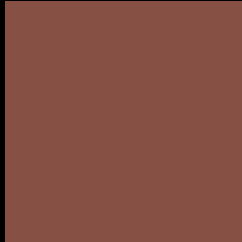
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9345, 11.3179, 7.0804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

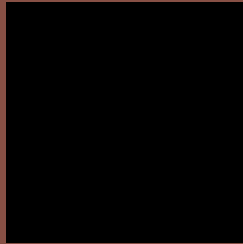
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.9345, 11.3179, 7.0804

Background



This preview shows how black text looks on a background with the XYZ color 13.9345, 11.3179, 7.0804.



This preview shows how white text looks on a background with the XYZ color 13.9345, 11.3179,

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

13.9345, 11.3179, 7.0804

Protanopia

10.7635, 11.4729, 8.4847

Deuteranopia

11.5643, 11.3981, 6.9007



Tritanopia

14.4780, 11.3231, 9.8100

Trichromacy



Original Color

13.9345, 11.3179, 7.0804

Protanomaly

11.6688, 11.3041, 7.8702

Deuteranomaly

12.3367, 11.2987, 6.9995

Tritanomaly

14.3606, 11.3907, 8.8389

Monochromacy



Original Color

13.9345, 11.3179, 7.0804

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.7663, 11.2992, 10.3649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9345, 11.3179, 7.0804 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, 80, 69)` looks like.

```
.text, #text, p{  
    color:rgb(135, 80, 69)  
}
```

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, 80, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 80, 69) }
```

Border

The CSS property to change the border of an element to XYZ 13.9345, 11.3179, 7.0804 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, 80, 69) }
```


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

```
.border{ border-color:rgb(135, 80, 69) }
```

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

Here you see how a box with a 4 pixel rgb(135, 80, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 80, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 80, 69);  
box-shadow:4px 4px 4px 4px rgb(135, 80,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9345, 11.3179, 7.0804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 80, 69) }
```

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

```
.background{ background-color: rgb(135, 80,  
69) }
```

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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