

Converting Colors

XYZ(13.4350, 11.1732, 9.9433)

Have a look what the booklet for
XYZ(13.4350, 11.1732, 9.9433)
contains.

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Color

**XYZ(13.5591, 11.2797,
10.0569)**

Conversions

Conversions Part 1

Format	Color
Hex	805255
RGB	128, 82, 85
RGB Percent	50%, 32%, 33%
CMY	0.4980, 0.6784, 0.6667
CMYK	0.00, 0.36, 0.34, 0.50
HSL	356°, 22%, 41%
HSV	356°, 36%, 50%
XYZ	13.5591, 11.2797, 10.0569
YIQ	96.0960, 26.4530, 10.6850

Conversions

Conversions Part 2

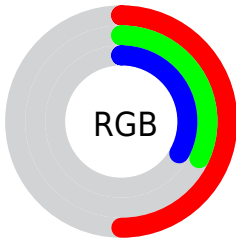
Format	Color
R_{YB}	128, 82, 85
Decimal	8409685
CIE Lab	40.05, 19.67, 6.23
CIE LCh	40, 20.634, 17.566
Yxy	11.2797, 0.3886, 0.3232
Android (android.graphics.Color)	4286599765 (0xFF805255)
YUV	96.0960, -5.4703, 27.9798
Hunter-Lab	33.5853, 13.2901, 5.7557

Details

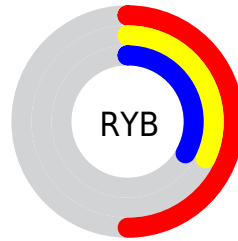
The XYZ color **13.5591, 11.2797, 10.0569** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.9011, 18.7131, 22.2297**, and the grayscale version is **11.1502, 11.7309, 12.7749**.

A 20% lighter version of the original color is **31.9158, 28.1969, 26.6821**, and **4.0744, 2.9927, 2.3704** is the 20% darker color. If you saturate the color by 10%, you get **12.2465, 9.3521, 7.4690**, and if you desaturate by 10%, it is **15.1328, 13.6008, 13.1287**.

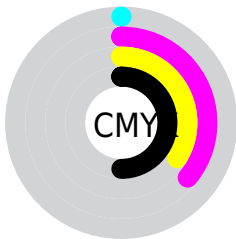
Distribution



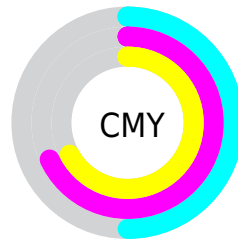
- Red (50%)
- Green (32%)
- Blue (33%)



- Red (50%)
- Yellow (32%)
- Blue (33%)



- Cyan (0%)
- Magenta (36%)
- Yellow (34%)
- Black (50%)



- Cyan (50%)
- Magenta (68%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5591, 11.2797, 10.0569 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 13.5591, 11.2797, 10.0569 by changing the saturation by 10% instead.

■ 13.5591, 11.2797,
10.0569

■ 13.5591, 11.2797,
10.0569

208.0364,
199.5765, 201.5772

■ 7.8943, 6.2553,
5.3306

■ 31.8975, 28.1762,
26.5120

■ 4.0786, 3.0009,
2.3804

■ 45.3018, 40.8171,
39.0778

■ 1.7467, 1.1322,
0.7757

■ 62.0166, 56.7657,
55.0939

■ 0.4852, 0.0053,
0.0000

■ 82.4074, 76.4062,
74.9788

■ 0.0000, 0.0000,
0.0000

■ 106.8394,
100.1232, 99.1510

135.6780,

128.3010, 128.0292

169.2885,
161.3240, 162.0317

■ 13.5591, 11.2797,
10.0569

■ 13.5591, 11.2797,
10.0569

■ 12.2465, 9.3521,
7.4690

■ 15.1328, 13.6008,
13.1287

■ 11.1801, 7.7945,
5.3398

■ 16.9797, 16.3336,
16.7068

■ 10.3446, 6.5838,
3.6427


■ 19.1122, 19.4975,
20.8127


■ 9.7231, 5.6934,
2.3480

■ 21.5419, 23.1098,
25.4666


■ 9.2958, 5.0929,
1.4225


■ 24.2794, 27.1873,
30.6877


 9.0326, 4.7318,
0.8250

 27.3350, 31.7454,
36.4942

 8.9478, 4.6075,
0.6572

 30.7185, 36.7993,
42.9034

 34.4393, 42.3633,
49.9321

 38.5063, 48.4510,
57.5962

Harmonies

Analogous

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



13.6337, 11.2797, 14.0547



13.5591, 11.2797, 10.0569



12.6835, 11.2797, 7.3420

Triad

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



13.5591, 11.2797, 10.0569



8.8186, 11.2797, 7.7012



10.1403, 11.2797, 21.6782

Complementary

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



13.5591, 11.2797, 10.0569



14.9011, 18.7131, 22.2297

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.



8.9722, 11.2797, 19.0516



13.5591, 11.2797, 10.0569



8.2559, 11.2797, 10.6644

Square

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



13.5591, 11.2797, 10.0569



9.9131, 11.2797, 6.2043



8.3095, 11.2797, 14.8125



11.5717, 11.2797, 21.4129

Rectangle

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



13.5591, 11.2797, 10.0569



11.8039, 11.2797, 6.3504



8.3095, 11.2797, 14.8125



9.7065, 11.2797, 21.0836

Sweetspot

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



13.5594, 11.2802, 10.0571



31.5892, 31.2693, 32.6813



15.3616, 11.9487, 21.9188



7.2994, 7.1779, 7.4658



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.



13.5594, 11.2802, 10.0571



21.9768, 17.0738, 13.9721



15.1703, 14.6885, 10.0190



4.3383, 4.3485, 4.5858



8.8726, 4.5687, 0.6528



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.5594, 11.2802, 10.0571



21.9768, 17.0738, 13.9721



12.7461, 14.0921, 22.4704



4.3383, 4.3485, 4.5858



8.8726, 4.5687, 0.6528



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.5591, 11.2797, 10.0569 looks on a white background.

Color Contrast Check

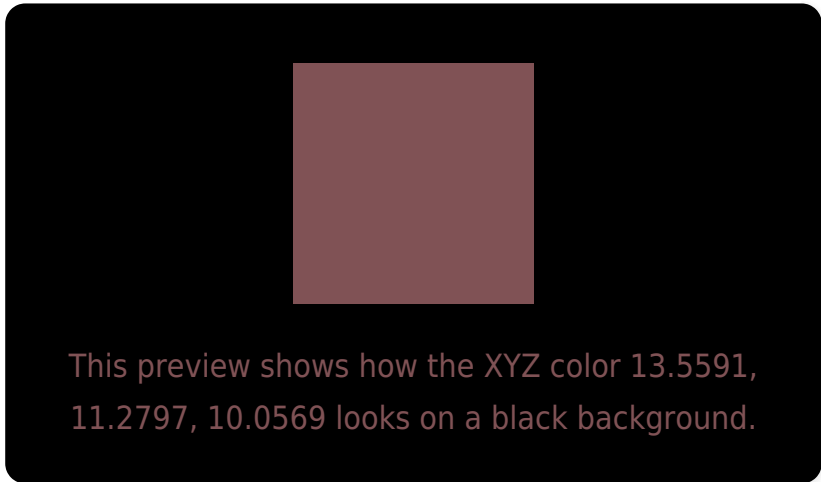
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 13.5591, 11.2797, 10.0569

Background



This preview shows how black text looks on a background with the XYZ color 13.5591, 11.2797, 10.0569.



This preview shows how white text looks on a background with the XYZ color 13.5591, 11.2797,

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

13.5591, 11.2797, 10.0569

Protanopia

10.8642, 11.3195, 11.7375

Deuteranopia

11.4868, 11.2948, 9.7583



Tritanopia

13.6808, 11.3284, 10.6981

Trichromacy



Original Color

13.5591, 11.2797, 10.0569

Protanomaly

11.6437, 11.2217, 11.0035

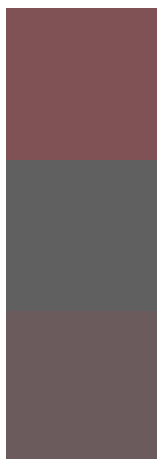
Deuteranomaly

12.1602, 11.2644, 9.9208

Tritanomaly

13.6397, 11.3119, 10.4813

Monochromacy



Original Color

13.5591, 11.2797, 10.0569

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.8572, 11.4430, 11.7090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5591, 11.2797, 10.0569 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(128, 82, 85)` looks like.

```
.text, #text, p{  
  color:rgb(128, 82, 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(128, 82, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 82, 85) }
```

Border

The CSS property to change the border of an element to XYZ 13.5591, 11.2797, 10.0569 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(128, 82, 85) }
```


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

```
.border{ border-color:rgb(128, 82, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 82, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 82, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 82, 85);  
box-shadow:4px 4px 4px 4px rgb(128, 82,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5591, 11.2797, 10.0569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 82, 85) }
```

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

```
.background{ background-color: rgb(128, 82,  
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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