

Converting Colors

XYZ(13.6592, 11.8882, 12.2504)

Have a look what the booklet for
XYZ(13.6592, 11.8882, 12.2504)
contains.

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Color

**XYZ(13.5970, 11.8355,
12.1575)**

Conversions

Conversions Part 1

Format	Color
Hex	7B575E
RGB	123, 87, 94
RGB Percent	48%, 34%, 37%
CMY	0.5176, 0.6588, 0.6314
CMYK	0.00, 0.29, 0.24, 0.52
HSL	348°, 17%, 41%
HSV	348°, 29%, 48%
XYZ	13.5970, 11.8355, 12.1575
YIQ	98.5620, 19.2090, 9.8090

Conversions

Conversions Part 2

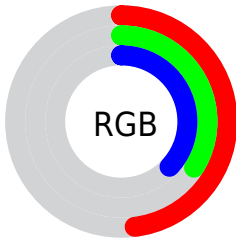
Format	Color
R_{YB}	123, 87, 94
Decimal	8083294
CIE Lab	40.95, 16.01, 1.89
CIE LCh	41, 16.122, 6.727
Yxy	11.8355, 0.3617, 0.3149
Android (android.graphics.Color)	4286273374 (0xFF7B575E)
YUV	98.5620, -2.2491, 21.4321
Hunter-Lab	34.4028, 10.3437, 3.1296

Details

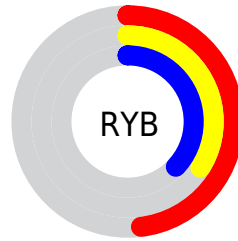
The XYZ color **13.5970, 11.8355, 12.1575** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.1664, 17.4535, 19.1462**, and the grayscale version is **11.7521, 12.3641, 13.4645**.

A 20% lighter version of the original color is **31.8842, 29.1350, 30.3287**, and **4.0741, 3.2157, 3.2023** is the 20% darker color. If you saturate the color by 10%, you get **12.2683, 9.8445, 9.6599**, and if you desaturate by 10%, it is **15.1532, 14.1899, 15.0129**.

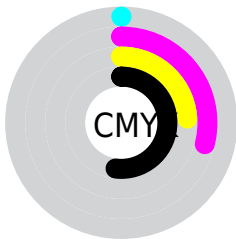
Distribution



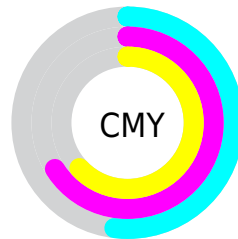
- Red (48%)
- Green (34%)
- Blue (37%)



- Red (48%)
- Yellow (34%)
- Blue (37%)



- Cyan (0%)
- Magenta (29%)
- Yellow (24%)
- Black (52%)



- Cyan (52%)
- Magenta (66%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5970, 11.8355, 12.1575 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 13.5970, 11.8355, 12.1575 by changing the saturation by 10% instead.

■ 13.5970, 11.8355,
12.1575

■ 13.5970, 11.8355,
12.1575

208.2703,
203.3132, 216.4600

■ 7.9207, 6.6318,
6.7272

■ 31.9645, 29.1951,
30.4503

■ 4.0956, 3.2329,
3.2162

■ 45.3865, 42.1198,
44.1499

■ 1.7564, 1.2545,
1.2061

■ 62.1210, 58.3870,
61.4430

■ 0.4912, 0.1056,
0.0000

■ 82.5335, 78.3810,
82.7481

■ 0.0000, 0.0000,
0.0000

■ 106.9894,
102.4862, 108.4839

135.8539,

131.0870, 139.0687

169.4924,
164.5679, 174.9213

■ 13.5970, 11.8355,
12.1575

■ 13.5970, 11.8355,
12.1575

■ 12.2683, 9.8445,
9.6599

■ 15.1532, 14.1899,
15.0129

■ 11.1553, 8.1971,
7.5051

■ 16.9459, 16.9227,
18.2388

■ 10.2467, 6.8743,
5.6782


■ 18.9849, 20.0504,
21.8482


■ 9.5297, 5.8544,
4.1628


■ 21.2791, 23.5878,
25.8531

■ 8.9902, 5.1132,
2.9411


■ 23.8369, 27.5488,
30.2651

 8.6117, 4.6227,
1.9934


 26.6665, 31.9471,
35.0953

 8.3499, 4.2992,
1.2891

 29.7755, 36.7953,
40.3545

 8.3324, 4.2766,
1.2455

 33.1713, 42.1058,
46.0528

 36.8611, 47.8903,
52.2002

Harmonies

Analogous

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



13.4106, 11.8355, 15.5609



13.5970, 11.8355, 12.1575



13.1208, 11.8355, 9.4516

Triad

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



13.5970, 11.8355, 12.1575



9.9753, 11.8355, 8.4396



10.3961, 11.8355, 19.6414

Complementary

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



13.5970, 11.8355, 12.1575



14.1664, 17.4535, 19.1462

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.



9.5648, 11.8355, 17.0675



13.5970, 11.8355, 12.1575



9.3337, 11.8355, 10.5381

Square

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



13.5970, 11.8355, 12.1575



10.9917, 11.8355, 7.5552



9.1887, 11.8355, 13.6448



11.5109, 11.8355, 20.2741

Rectangle

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



13.5970, 11.8355, 12.1575



12.5095, 11.8355, 8.2752



9.1887, 11.8355, 13.6448



10.0767, 11.8355, 18.9554

Sweetspot

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



13.5973, 11.8361, 12.1577



30.3609, 30.3276, 32.6883



14.1597, 11.9464, 20.2987



7.0514, 6.9912, 7.5217



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.5973, 11.8361, 12.1577



22.7353, 18.7726, 18.7514



14.2381, 13.5976, 10.8916



4.0272, 4.0266, 4.3410



8.6180, 4.4234, 1.2796



40.8640, 21.0019, 4.8139

Inverse Universe

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



13.5973, 11.8361, 12.1577



22.7353, 18.7726, 18.7514



13.3224, 15.0893, 20.9495



4.0272, 4.0266, 4.3410



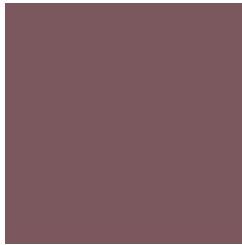
8.6180, 4.4234, 1.2796



40.8640, 21.0019, 4.8139

Previews

White Background



This preview shows how the XYZ color 13.5970, 11.8355, 12.1575 looks on a white background.

Color Contrast Check

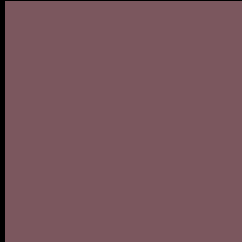
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.5970, 11.8355, 12.1575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

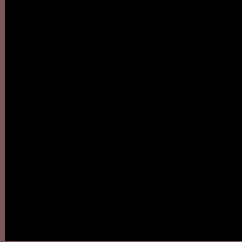
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.5970, 11.8355, 12.1575

Background



This preview shows how black text looks on a background with the XYZ color 13.5970, 11.8355, 12.1575.



This preview shows how white text looks on a background with the XYZ color 13.5970, 11.8355,

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

13.5970, 11.8355, 12.1575

Protanopia

11.4720, 11.8633, 13.4896

Deuteranopia

12.1628, 11.9839, 12.0280



Tritanopia

13.5970, 11.8355, 12.1575

Trichromacy



Original Color

13.5970, 11.8355, 12.1575

Protanomaly

12.1354, 11.8176, 12.9507

Deuteranomaly

12.5269, 11.7832, 11.9701

Tritanomaly

13.5970, 11.8355, 12.1575

Monochromacy



Original Color

13.5970, 11.8355, 12.1575

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.4342, 12.2356, 13.0156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5970, 11.8355, 12.1575 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(123, 87, 94)` looks like.

```
.text, #text, p{  
    color:rgb(123, 87, 94)  
}
```

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(123, 87, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 87, 94) }
```

Border

The CSS property to change the border of an element to XYZ 13.5970, 11.8355, 12.1575 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(123, 87, 94) }
```


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

```
.border{ border-color:rgb(123, 87, 94) }
```

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

Here you see how a box with a 4 pixel rgb(123, 87, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 87, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 87, 94);  
box-shadow:4px 4px 4px 4px rgb(123, 87,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5970, 11.8355, 12.1575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 87, 94) }
```

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

```
.background{ background-color: rgb(123, 87,  
94) }
```

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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