

Converting Colors

XYZ(13.1709, 11.5489, 17.8486)

Have a look what the booklet for
XYZ(13.1709, 11.5489, 17.8486)
contains.

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Color

**XYZ(13.0583, 11.4337,
17.7383)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5773
RGB	111, 87, 115
RGB Percent	44%, 34%, 45%
CMY	0.5647, 0.6588, 0.5490
CMYK	0.03, 0.24, 0.00, 0.55
HSL	291°, 14%, 40%
HSV	291°, 24%, 45%
XYZ	13.0583, 11.4337, 17.7383
YIQ	97.3680, 5.3160, 13.7960

Conversions

Conversions Part 2

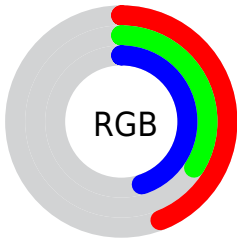
Format	Color
R_{YB}	111, 87, 115
Decimal	7296883
CIE _{Lab}	40.30, 15.32, -12.16
CIE _{LCh}	40, 19.560, 321.562
Yxy	11.4337, 0.3092, 0.2707
Android (android.graphics.Color)	4285486963 (0xFF6F5773)
YUV	97.3680, 8.6926, 11.9553
Hunter-Lab	33.8138, 9.7596, -7.4332

Details

The XYZ color **13.0583, 11.4337, 17.7383** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12.1657, 15.1739, 11.3050**, and the grayscale version is **11.4315, 12.0268, 13.0972**.

A 20% lighter version of the original color is **31.0250, 28.4679, 40.4189**, and **3.8560, 3.0479, 5.6953** is the 20% darker color. If you saturate the color by 10%, you get **11.9957, 9.6124, 17.4429**, and if you desaturate by 10%, it is **14.2737, 13.5546, 18.0838**.

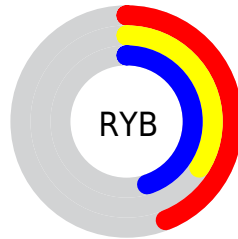
Distribution



Red (44%)

Green (34%)

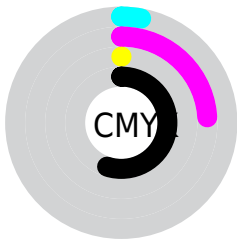
Blue (45%)



Red (44%)

Yellow (34%)

Blue (45%)

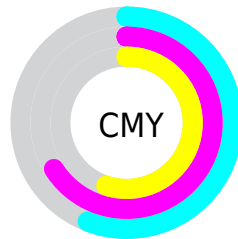


Cyan (3%)

Magenta (24%)

Yellow (0%)

Black (55%)



Cyan (56%)

Magenta (66%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0583, 11.4337, 17.7383 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 13.0583, 11.4337, 17.7383 by changing the saturation by 10% instead.

■ 13.0583, 11.4337,
17.7383

■ 13.0583, 11.4337,
17.7383

204.9210,
200.6193, 251.5782

■ 7.5460, 6.3593,
10.5948

■ 31.0089, 28.4594,
40.3988

■ 3.8552, 3.0648,
5.6843

■ 44.1779, 41.1796,
56.7528

■ 1.6205, 1.1657,
2.5884

■ 60.6298, 57.2171,
77.0141

■ 0.4057, 0.0334,
0.8865

■ 80.7301, 76.9564,
101.6012

■ 0.0000, 0.0000,
0.0000

■ 104.8439,
100.7819, 130.9326

133.3368,

129.0779, 165.4269

166.5741,
162.2289, 205.5026

■ 13.0583, 11.4337,
17.7383

■ 13.0583, 11.4337,
17.7383

■ 11.9957, 9.6124,
17.4429

■ 14.2737, 13.5546,
18.0838

■ 11.0780, 8.0753,
17.1946

■ 15.6475, 15.9869,
18.4809

■ 10.2977, 6.8076,
16.9910

■ 17.1862, 18.7432,
18.9318

■ 9.6467, 5.7928,
16.8295

■ 18.8956, 21.8352,
19.4385

■ 9.1156, 5.0124,
16.7068

■ 20.7813, 25.2741,
20.0029

■ 8.6941, 4.4456,
16.6197

■ 22.8486, 29.0703,
20.6267

■ 8.3659, 4.0601,
16.5625

■ 25.1025, 33.2339,
21.3115

■ 8.1938, 3.8666,
16.5343

■ 27.5479, 37.7748,
22.0591

■ 30.1895, 42.7022,
22.8710

Harmonies

Analogous

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



11.8620, 11.4337, 20.8418



13.0583, 11.4337, 17.7383



13.6794, 11.4337, 13.5867

Triad

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



13.0583, 11.4337, 17.7383



11.2576, 11.4337, 6.3904



8.6022, 11.4337, 15.4249

Complementary

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



13.0583, 11.4337, 17.7383



12.1657, 15.1739, 11.3050

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.



8.4698, 11.4337, 11.3774



13.0583, 11.4337, 17.7383



9.9300, 11.4337, 6.6801

Square

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



13.0583, 11.4337, 17.7383



12.5842, 11.4337, 7.4361



8.9364, 11.4337, 8.3325



9.3143, 11.4337, 19.3233

Rectangle

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



13.0583, 11.4337, 17.7383



13.6504, 11.4337, 11.0011



8.9364, 11.4337, 8.3325



8.4909, 11.4337, 14.0194

Sweetspot

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



13.0587, 11.4342, 17.7385



27.2920, 27.3334, 32.8819



10.7836, 10.7809, 17.7324



6.4868, 6.4780, 7.8375



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.0587, 11.4342, 17.7385



22.3200, 18.6433, 31.4666



13.0388, 11.4857, 14.9486



3.7777, 3.7327, 4.6116



9.3537, 4.4133, 18.9014



45.0315, 21.2231, 92.0833

Inverse Universe

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



12.3671, 11.2170, 11.4111



20.8831, 18.1980, 18.0498



12.2099, 15.1473, 13.5410



3.7033, 3.7086, 3.9644



8.1878, 4.2088, 0.9312



39.7023, 20.4310, 3.4957

Previews

White Background



This preview shows how the XYZ color 13.0583, 11.4337, 17.7383 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 13.0583, 11.4337, 17.7383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

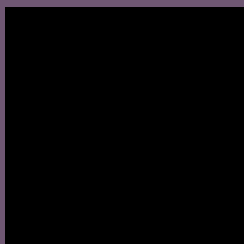
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.0583, 11.4337, 17.7383

Background



This preview shows how black text looks on a background with the XYZ color 13.0583, 11.4337, 17.7383.



This preview shows how white text looks on a background with the XYZ color 13.0583, 11.4337,

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

13.0583, 11.4337, 17.7383

Protanopia

11.5127, 11.4853, 19.3794

Deuteranopia

11.6709, 11.4765, 17.5197



Tritanopia

11.9982, 11.3635, 12.8703

Trichromacy



Original Color

13.0583, 11.4337, 17.7383

Protanomaly

11.9409, 11.3316, 18.6974

Deuteranomaly

12.1452, 11.4638, 17.4922

Tritanomaly

12.3777, 11.3954, 14.6439

Monochromacy



Original Color

13.0583, 11.4337, 17.7383

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.8925, 11.6530, 14.7191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0583, 11.4337, 17.7383 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(111, 87, 115)` looks like.

```
.text, #text, p{  
    color:rgb(111, 87, 115)  
}
```

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(111, 87, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 87, 115) }
```

Border

The CSS property to change the border of an element to XYZ 13.0583, 11.4337, 17.7383 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(111, 87, 115) }
```


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

```
.border{ border-color:rgb(111, 87, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 87, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 87, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 87, 115);  
box-shadow:4px 4px 4px 4px rgb(111, 87,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0583, 11.4337, 17.7383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 87, 115) }
```

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

```
.background{ background-color: rgb(111, 87,  
115) }
```

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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