

Converting Colors

XYZ(13.5802, 12.8555, 14.5457)

Have a look what the booklet for
XYZ(13.5802, 12.8555, 14.5457)
contains.

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Color

**XYZ(13.6106, 12.8085,
14.5869)**

Conversions

Conversions Part 1	
Format	Color
Hex	735F67
RGB	115, 95, 103
RGB Percent	45%, 37%, 40%
CMY	0.5490, 0.6274, 0.5961
CMYK	0.00, 0.17, 0.10, 0.55
HSL	336°, 10%, 41%
HSV	336°, 17%, 45%
XYZ	13.6106, 12.8085, 14.5869
YIQ	101.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

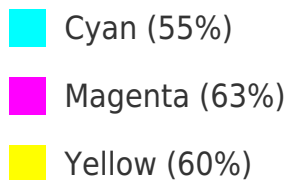
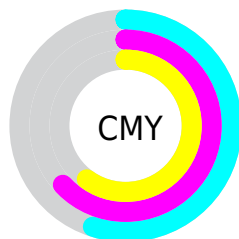
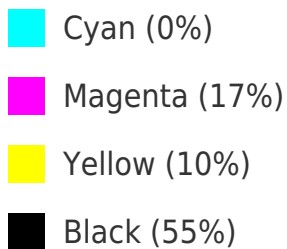
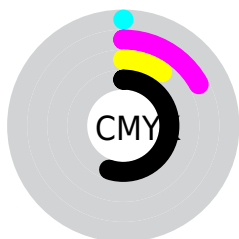
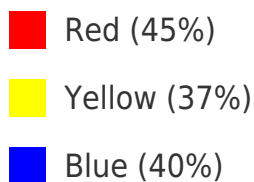
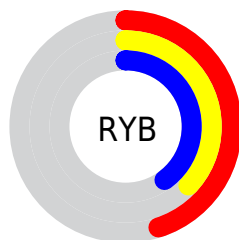
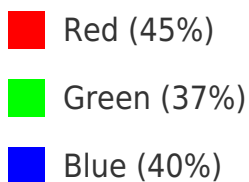
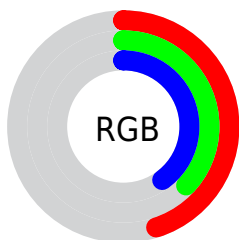
Format	Color
RYB	115, 95, 103
Decimal	7561063
CIELab	42.47, 9.55, -1.52
CIELCh	42, 9.667, 350.950
Yxy	12.8085, 0.3319, 0.3124
Android (android.graphics.Color)	4285751143 (0xFF735F67)
YUV	101.8920, 0.5462, 11.4957
Hunter-Lab	35.7890, 5.2531, 0.8868

Details

The XYZ color **13.6106, 12.8085, 14.5869** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.5044, 15.7562, 16.2401**, and the grayscale version is **12.5983, 13.2544, 14.4340**.

A 20% lighter version of the original color is **31.8945, 30.7994, 34.8357**, and **4.1269, 3.6754, 4.2333** is the 20% darker color. If you saturate the color by 10%, you get **12.3181, 10.7550, 12.5172**, and if you desaturate by 10%, it is **15.0854, 15.1805, 16.8588**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 13.6106, 12.8085, 14.5869 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 13.6106, 12.8085, 14.5869 by changing the saturation by 10% instead.


 13.6106, 12.8085,
14.5869

 13.6106, 12.8085,
14.5869


208.3542,
209.6867, 232.4060


 7.9302, 7.2968,
8.3866


 31.9886, 30.9593,
34.8588


 4.1018, 3.6484,
4.2520

 45.4168, 44.3672,
49.7675

 1.7599, 1.4789,
1.7646

 62.1585, 61.1760,
68.4161

 0.4933, 0.2738,
0.4044

 82.5788, 81.7701,
91.2231

 0.0000, 0.0000,
0.0000

107.0432,
106.5337, 118.6070

135.9169,

135.8515, 150.9865

169.5655,
170.1077, 188.7800

■ 13.6106, 12.8085,
14.5869

■ 13.6106, 12.8085,
14.5869

■ 12.3181, 10.7550,
12.5172

■ 15.0854, 15.1805,
16.8588

■ 11.1994, 9.0046,
10.6429

■ 16.7483, 17.8821,
19.3375

■ 10.2470, 7.5433,
8.9583

■ 18.6063, 20.9259,
22.0288

■ 9.4524, 6.3552,
7.4567

■ 20.6655, 24.3234,
24.9378

■ 8.8062, 5.4229,
6.1314

■ 22.9320, 28.0856,
28.0694

■ 8.2982, 4.7272,
4.9747

■ 25.4113, 32.2229,
31.4284

■ 7.9165, 4.2456,
3.9786

■ 28.1091, 36.7453,
35.0194

■ 7.6322, 3.9218,
3.1289

■ 31.0306, 41.6626,
38.8470

■ 7.5633, 3.8421,
2.9271

■ 34.1808, 46.9840,
42.9156

Harmonies

Analogous

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



13.2947, 12.8085, 16.6296



13.6106, 12.8085, 14.5869



13.5298, 12.8085, 12.5604

Triad

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



13.6106, 12.8085, 14.5869



11.6800, 12.8085, 10.5250



11.3127, 12.8085, 17.2998

Complementary

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



13.6106, 12.8085, 14.5869



13.5044, 15.7562, 16.2401

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.



10.9121, 12.8085, 15.4306



13.6106, 12.8085, 14.5869



11.1183, 12.8085, 11.5684

Square

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



13.6106, 12.8085, 14.5869



12.3958, 12.8085, 10.3476



10.8424, 12.8085, 13.3247



11.9551, 12.8085, 18.2954

Rectangle

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



13.6106, 12.8085, 14.5869



13.2631, 12.8085, 11.4786



10.8424, 12.8085, 13.3247



11.1464, 12.8085, 16.7445

Sweetspot

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



13.6110, 12.8091, 14.5872



27.6556, 28.2233, 31.1581



13.2506, 12.5486, 17.9435



6.5594, 6.6712, 7.3757



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.



13.6110, 12.8091, 14.5872



23.3704, 21.3381, 24.5347



13.4109, 13.0210, 12.6336



3.7390, 3.7229, 4.1524



8.6362, 4.3882, 3.2924



41.6861, 21.2246, 13.9425

Inverse Universe

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



13.6110, 12.8091, 14.5872



23.3704, 21.3381, 24.5347



13.7193, 15.4813, 18.4849



3.7390, 3.7229, 4.1524



8.6362, 4.3882, 3.2924



41.6861, 21.2246, 13.9425

Previews

White Background



This preview shows how the XYZ color 13.6106, 12.8085, 14.5869 looks on a white background.

Color Contrast Check

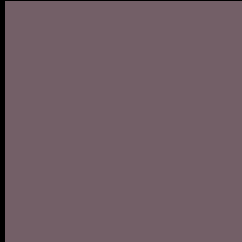
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.6106, 12.8085, 14.5869 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 13.6106, 12.8085, 14.5869

Background



This preview shows how black text looks on a background with the XYZ color 13.6106, 12.8085, 14.5869.



This preview shows how white text looks on a background with the XYZ color 13.6106, 12.8085,

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

13.6106, 12.8085, 14.5869

Protanopia

12.5255, 12.9217, 15.4696

Deuteranopia

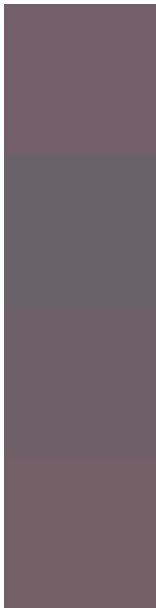
13.0296, 12.7799, 14.6120



Tritanopia

13.5607, 12.7886, 14.3241

Trichromacy



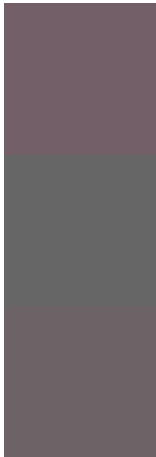
Original Color
13.6106, 12.8085, 14.5869

Protanomaly
12.8613, 12.8195, 15.1611

Deuteranomaly
13.1866, 12.7245, 14.5930

Tritanomaly
13.5607, 12.7886, 14.3241

Monochromacy



Original Color
13.6106, 12.8085, 14.5869

Achromatopsia
12.6291, 13.2868, 14.4694

Achromatomaly
12.9235, 13.0088, 14.4002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6106, 12.8085, 14.5869 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(115, 95, 103) looks like.

```
.text, #text, p{  
    color:rgb(115, 95, 103)  
}
```

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(115, 95, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 95, 103) }
```

Border

The CSS property to change the border of an element to XYZ 13.6106, 12.8085, 14.5869 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(115, 95, 103) }
```


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

```
.border{ border-color:rgb(115, 95, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 95, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 95, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 95, 103);  
box-shadow:4px 4px 4px 4px rgb(115, 95,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6106, 12.8085, 14.5869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 95, 103) }
```

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

```
.background{ background-color: rgb(115, 95,  
103) }
```

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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