

Converting Colors

XYZ(13.6134, 13.9056, 16.6187)

Have a look what the booklet for
XYZ(13.6134, 13.9056, 16.6187)
contains.

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Color

**XYZ(13.6086, 13.8905,
16.7157)**

Conversions

Conversions Part 1

Format	Color
Hex	6A676E
RGB	106, 103, 110
RGB Percent	42%, 40%, 43%
CMY	0.5843, 0.5961, 0.5686
CMYK	0.04, 0.06, 0.00, 0.57
HSL	266°, 3%, 42%
HSV	266°, 6%, 43%
XYZ	13.6086, 13.8905, 16.7157
YIQ	104.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

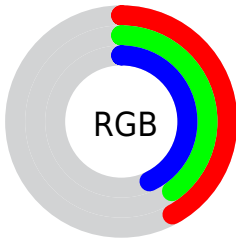
Format	Color
R_{YB}	106, 103, 110
Decimal	6973294
CIE Lab	44.08, 2.63, -3.51
CIE LCh	44, 4.387, 306.808
Yxy	13.8905, 0.3078, 0.3142
Android (android.graphics.Color)	4285163374 (0xFF6A676E)
YUV	104.6950, 2.6154, 1.1445
Hunter-Lab	37.2700, -0.0457, -0.5028

Details

The XYZ color **13.6086, 13.8905, 16.7157** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0880, 15.2573, 15.0351**, and the grayscale version is **13.3385, 14.0331, 15.2820**.

A 20% lighter version of the original color is **31.9818, 32.8879, 38.8448**, and **4.1150, 4.1170, 5.2804** is the 20% darker color. If you saturate the color by 10%, you get **11.8658, 11.4736, 16.3413**, and if you desaturate by 10%, it is **15.5510, 16.6248, 17.1413**.

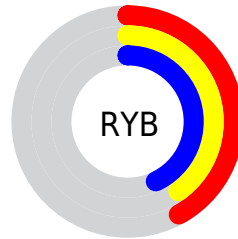
Distribution



Red (42%)

Green (40%)

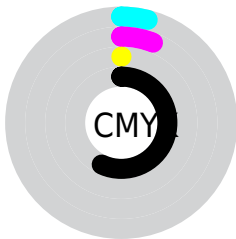
Blue (43%)



Red (42%)

Yellow (40%)

Blue (43%)

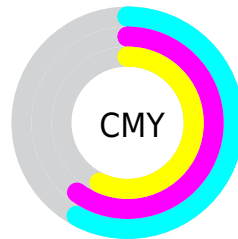


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (57%)



Cyan (58%)

Magenta (60%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6086, 13.8905, 16.7157 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 13.6086, 13.8905, 16.7157 by changing the saturation by 10% instead.

■ 13.6086, 13.8905,
16.7157

■ 13.6086, 13.8905,
16.7157

208.3418,
216.5486, 245.5169

■ 7.9288, 8.0445,
9.8722

■ 31.9850, 32.8946,
38.6202

■ 4.1009, 4.1235,
5.2098

■ 45.4124, 46.8216,
54.5184

■ 1.7594, 1.7429,
2.3100

■ 62.1529, 64.2110,
74.2718

■ 0.4930, 0.4512,
0.7368

■ 82.5721, 85.4472,
98.2990

■ 0.0000, 0.0000,
0.0000

107.0352,
110.9147, 127.0186

135.9077,

140.9978, 160.8491

169.5547,
176.0810, 200.2090

■ 13.6086, 13.8905,
16.7157

■ 13.6086, 13.8905,
16.7157

■ 11.8658, 11.4736,
16.3413

■ 15.5510, 16.6248,
17.1413

■ 10.3146, 9.3605,
16.0152

■ 17.6981, 19.6858,
17.6190

■ 8.9483, 7.5394,
15.7356

■ 20.0565, 23.0846,
18.1507

■ 7.7592, 5.9968,
15.5006

■ 22.6321, 26.8315,
18.7382

■ 6.7392, 4.7183,
15.3075

■ 25.4303, 30.9360,
19.3830

■ 5.8794, 3.6880,
15.1540

■ 28.4567, 35.4075,
20.0865

■ 5.1699, 2.8885,
15.0371

■ 31.7164, 40.2548,
20.8504

■ 4.5997, 2.2997,
14.9535

■ 35.2144, 45.4867,
21.6758

■ 4.1447, 1.8760,
14.8957

■ 38.9556, 51.1115,
22.5643

Harmonies

Analogous

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



13.2822, 13.8905, 17.1138



13.6086, 13.8905, 16.7157



13.8289, 13.8905, 15.8939

Triad

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



13.6086, 13.8905, 16.7157



13.4685, 13.8905, 13.4259



12.5474, 13.8905, 15.3533

Complementary

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



13.6086, 13.8905, 16.7157



14.0880, 15.2573, 15.0351

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.



12.5953, 13.8905, 14.3802



13.6086, 13.8905, 16.7157



13.1231, 13.8905, 13.2954

Square

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



13.6086, 13.8905, 16.7157



13.7470, 13.8905, 14.0021



12.8046, 13.8905, 13.6374



12.6725, 13.8905, 16.3052

Rectangle

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



13.6086, 13.8905, 16.7157



13.8838, 13.8905, 15.2317



12.8046, 13.8905, 13.6374



12.5438, 13.8905, 15.0176

Sweetspot

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



13.6090, 13.8911, 16.7160



25.3257, 26.3943, 29.6670



13.6749, 14.5426, 16.8383



5.9067, 6.1608, 6.9066



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



13.6090, 13.8911, 16.7160



23.3070, 23.5678, 29.2279



14.0232, 14.1046, 16.7354



3.3405, 3.3638, 4.2274



4.7639, 2.0653, 17.8692



22.7831, 9.7995, 88.9698

Inverse Universe

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



13.9350, 14.0777, 15.8934



24.0406, 23.9878, 27.3720



13.6853, 15.0497, 15.0163



3.4569, 3.4305, 3.9327



8.7837, 4.4059, 5.9371



43.3173, 21.7722, 27.2666

Previews

White Background



This preview shows how the XYZ color 13.6086, 13.8905, 16.7157 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 13.6086, 13.8905, 16.7157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

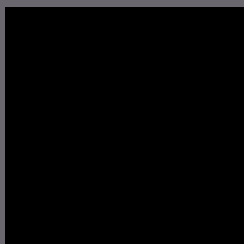
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

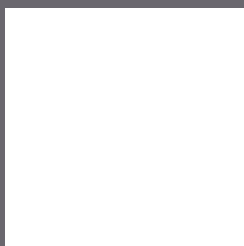
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.6086, 13.8905, 16.7157

Background



This preview shows how black text looks on a background with the XYZ color 13.6086, 13.8905, 16.7157.



This preview shows how white text looks on a background with the XYZ color 13.6086, 13.8905,

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

13.6086, 13.8905, 16.7157

Protanopia

13.4737, 13.9695, 16.7381

Deuteranopia

14.0237, 13.8127, 16.6788



Tritanopia

13.6633, 13.9124, 17.0041

Trichromacy

**Original Color**

13.6086, 13.8905, 16.7157

Protanomaly

13.5905, 14.0297, 16.7436

Deuteranomaly

13.8725, 13.8797, 16.6997

Tritanomaly

13.6633, 13.9124, 17.0041

Monochromacy

**Original Color**

13.6086, 13.8905, 16.7157

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.4299, 13.9654, 15.8977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6086, 13.8905, 16.7157 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(106, 103, 110)` looks like.

```
.text, #text, p{  
    color:rgb(106, 103, 110)  
}
```

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(106, 103, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 103, 110) }
```

Border

The CSS property to change the border of an element to XYZ 13.6086, 13.8905, 16.7157 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(106, 103, 110) }
```


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

```
.border{ border-color:rgb(106, 103, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 103, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 103, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 103, 110);  
box-shadow:4px 4px 4px 4px rgb(106, 103,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6086, 13.8905, 16.7157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 103, 110) }
```

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

```
.background{ background-color: rgb(106,  
103, 110) }
```

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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