

Converting Colors

XYZ(13.9249, 13.9182, 18.4930)

Have a look what the booklet for
XYZ(13.9249, 13.9182, 18.4930)
contains.

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Color

**XYZ(13.8476, 13.8279,
18.4622)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6674
RGB	106, 102, 116
RGB Percent	42%, 40%, 45%
CMY	0.5843, 0.6000, 0.5451
CMYK	0.09, 0.12, 0.00, 0.55
HSL	257°, 6%, 43%
HSV	257°, 12%, 45%
XYZ	13.8476, 13.8279, 18.4622
YIQ	104.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

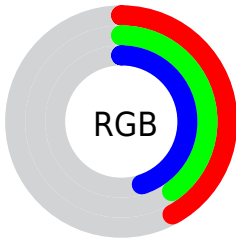
Format	Color
R _Y B	106, 102, 116
Decimal	6973044
CIE Lab	43.99, 4.54, -7.27
CIE LCh	44, 8.575, 301.968
Yxy	13.8279, 0.3001, 0.2997
Android (android.graphics.Color)	4285163124 (0xFF6A6674)
YUV	104.7920, 5.5255, 1.0594
Hunter-Lab	37.1859, 1.3961, -3.4064

Details

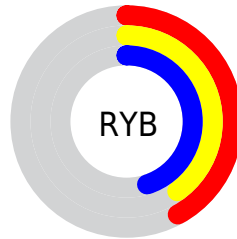
The XYZ color **13.8476, 13.8279, 18.4622** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3263, 16.8952, 15.0244**, and the grayscale version is **13.3573, 14.0529, 15.3036**.

A 20% lighter version of the original color is **32.3637, 32.7777, 41.6668**, and **4.2132, 4.0795, 6.0342** is the 20% darker color. If you saturate the color by 10%, you get **11.8488, 11.2222, 18.0648**, and if you desaturate by 10%, it is **16.1020, 16.8029, 18.9178**.

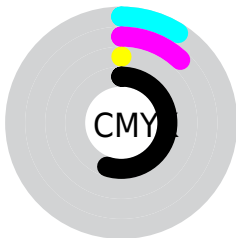
Distribution



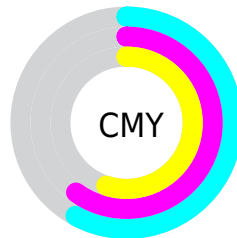
- Red (42%)
- Green (40%)
- Blue (45%)



- Red (42%)
- Yellow (40%)
- Blue (45%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)
- Black (55%)



- Cyan (58%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8476, 13.8279, 18.4622 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 13.8476, 13.8279, 18.4622 by changing the saturation by 10% instead.

■ 13.8476, 13.8279,
18.4622

■ 13.8476, 13.8279,
18.4622

209.8103,
216.1575, 255.7865

■ 8.0957, 8.0011,
11.1095

■ 32.4069, 32.7834,
41.6479

■ 4.2086, 4.0956,
6.0254

■ 45.9450, 46.6808,
58.3179

■ 1.8208, 1.7272,
2.7915

■ 62.8093, 64.0371,
78.9307

■ 0.5302, 0.4412,
0.9892

■ 83.3651, 85.2369,
103.9050

■ 0.0000, 0.0000,
0.0000

107.9778,
110.6644, 133.6591

137.0126,

140.7041, 168.6117

170.8350,
175.7403, 209.1814

■ 13.8476, 13.8279,
18.4622

■ 13.8476, 13.8279,
18.4622

■ 11.8488, 11.2222,
18.0648

■ 16.1020, 16.8029,
18.9178

■ 10.0951, 8.9695,
17.7224

■ 18.6194, 20.1593,
19.4330

■ 8.5769, 7.0549,
17.4329

■ 21.4088, 23.9106,
20.0101

■ 7.2839, 5.4616,
17.1935

■ 24.4780, 28.0693,
20.6510

■ 6.2045, 4.1716,
17.0014

■ 27.8348, 32.6471,
21.3577

■ 5.3263, 3.1646,
16.8533

■ 31.4863, 37.6556,
22.1320

■ 4.6355, 2.4182,
16.7457

■ 35.4398, 43.1055,
22.9755

■ 4.1159, 1.9059,
16.6742

■ 39.7021, 49.0075,
23.8901

■ 3.7838, 1.5864,
16.6300

■ 44.2797, 55.3717,
24.8772

Harmonies

Analogous

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



13.1880, 13.8279, 19.1180



13.8476, 13.8279, 18.4622



14.3314, 13.8279, 16.8858

Triad

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



13.8476, 13.8279, 18.4622



13.7672, 13.8279, 11.9864



11.8789, 13.8279, 15.1852

Complementary

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



13.8476, 13.8279, 18.4622



15.3263, 16.8952, 15.0244

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.



12.0222, 13.8279, 13.3638



13.8476, 13.8279, 18.4622



13.0981, 13.8279, 11.6148

Square

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



13.8476, 13.8279, 18.4622



14.2839, 13.8279, 13.1591



12.4627, 13.8279, 12.0972



12.0645, 13.8279, 17.1274

Rectangle

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



13.8476, 13.8279, 18.4622



14.4809, 13.8279, 15.5856



12.4627, 13.8279, 12.0972



11.8902, 13.8279, 14.5390

Sweetspot

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



13.8480, 13.8285, 18.4625



27.4610, 28.4190, 33.0826



14.4302, 15.6819, 18.7896



6.4894, 6.6979, 7.8798



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.



13.8480, 13.8285, 18.4625



23.4992, 23.2036, 32.2847



14.7100, 14.2729, 18.5028



3.5898, 3.6359, 4.6028



4.2294, 1.7717, 18.6616



19.8655, 8.2495, 90.9056

Inverse Universe

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



14.8790, 14.3863, 17.3227



25.6293, 24.3564, 29.9104



14.4738, 16.4557, 14.9845



3.7842, 3.7410, 4.3902



9.8212, 4.8622, 9.5328



47.4776, 23.5411, 44.4398

Previews

White Background



This preview shows how the XYZ color 13.8476, 13.8279, 18.4622 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 13.8476, 13.8279, 18.4622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

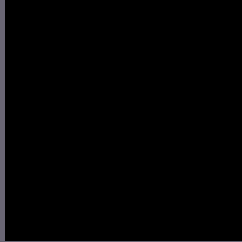
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.8476, 13.8279, 18.4622

Background



This preview shows how black text looks on a background with the XYZ color 13.8476, 13.8279, 18.4622.



This preview shows how white text looks on a background with the XYZ color 13.8476, 13.8279,

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

13.8476, 13.8279, 18.4622

Protanopia

13.5406, 13.8096, 18.7815

Deuteranopia

13.9904, 13.7565, 18.4409



Tritanopia

13.5452, 13.8515, 16.9986

Trichromacy



Original Color

13.8476, 13.8279, 18.4622

Protanomaly

13.6547, 13.8684, 18.7868

Deuteranomaly

13.8695, 13.6941, 18.4352

Tritanomaly

13.6566, 13.8960, 17.5852

Monochromacy



Original Color

13.8476, 13.8279, 18.4622

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5363, 14.0080, 16.4584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8476, 13.8279, 18.4622 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, 102, 116)` looks like.

```
.text, #text, p{  
    color:rgb(106, 102, 116)  
}
```

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, 102, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 102, 116) }
```

Border

The CSS property to change the border of an element to XYZ 13.8476, 13.8279, 18.4622 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, 102, 116) }
```


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

```
.border{ border-color:rgb(106, 102, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 102, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 102, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 102, 116);  
box-shadow:4px 4px 4px 4px rgb(106, 102,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8476, 13.8279, 18.4622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 102, 116) }
```

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

```
.background{ background-color: rgb(106,  
102, 116) }
```

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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