

Converting Colors

XYZ(13.7911, 14.2636, 14.5967)

Have a look what the booklet for
XYZ(13.7911, 14.2636, 14.5967)
contains.

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Color

**XYZ(13.8803, 14.3775,
14.6139)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6966
RGB	110, 105, 102
RGB Percent	43%, 41%, 40%
CMY	0.5686, 0.5882, 0.6000
CMYK	0.00, 0.05, 0.07, 0.57
HSL	23°, 4%, 42%
HSV	23°, 7%, 43%
XYZ	13.8803, 14.3775, 14.6139
YIQ	106.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

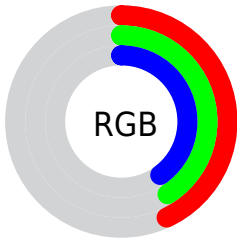
Format	Color
R _Y B	110, 107, 102
Decimal	7235942
CIE Lab	44.77, 1.37, 2.38
CIE LCh	45, 2.740, 60.097
Yxy	14.3775, 0.3238, 0.3354
Android (android.graphics.Color)	4285426022 (0xFF6E6966)
YUV	106.1530, -2.0474, 3.3738
Hunter-Lab	37.9177, -1.0135, 3.6913

Details

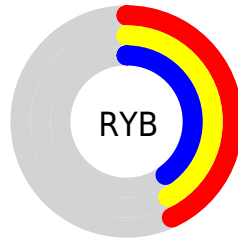
The XYZ color **13.8803, 14.3775, 14.6139** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.5516, 14.4657, 16.8300**, and the grayscale version is **13.7466, 14.4625, 15.7497**.

A 20% lighter version of the original color is **32.5385, 33.7582, 34.9380**, and **4.1893, 4.3261, 4.2286** is the 20% darker color. If you saturate the color by 10%, you get **12.6988, 12.8303, 11.7049**, and if you desaturate by 10%, it is **15.1916, 16.0681, 17.9238**.

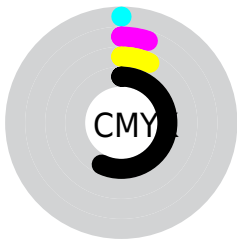
Distribution



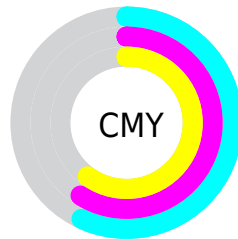
- Red (43%)
- Green (41%)
- Blue (40%)



- Red (43%)
- Yellow (42%)
- Blue (40%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (57%)



- Cyan (57%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8803, 14.3775, 14.6139 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 13.8803, 14.3775, 14.6139 by changing the saturation by 10% instead.

■ 13.8803, 14.3775,
14.6139

■ 13.8803, 14.3775,
14.6139

210.0104,
219.5668, 232.5769

■ 8.1186, 8.3837,
8.4053

■ 32.4645, 33.7574,
34.9071

■ 4.2234, 4.3414,
4.2639

■ 46.0178, 47.9122,
49.8287

■ 1.8293, 1.8663,
1.7712

■ 62.8989, 65.5562,
68.4917

■ 0.5352, 0.5280,
0.4089

■ 83.4733, 87.0737,
91.3147

■ 0.0000, 0.0000,
0.0000

108.1063,
112.8491, 118.7162

137.1632,

143.2668, 151.1147

171.0095,
178.7112, 188.9287

■ 13.8803, 14.3775,
14.6139

■ 13.8803, 14.3775,
14.6139

■ 12.6988, 12.8303,
11.7049

■ 15.1916, 16.0681,
17.9238

■ 11.6418, 11.4208,
9.1804

■ 16.6354, 17.9038,
21.6481

■ 10.7051, 10.1456,
7.0244

■ 18.2160, 19.8888,
25.8009

■ 9.8843, 9.0006,
5.2194

■ 19.9369, 22.0264,
30.3953

■ 9.1742, 7.9815,
3.7464

■ 21.8017, 24.3200,
35.4439

■ 8.5695, 7.0834,
2.5847

■ 23.8137, 26.7726,
40.9589

■ 8.0641, 6.3015,
1.7110

■ 25.9761, 29.3874,
46.9517

■ 7.6515, 5.6302,
1.0989

■ 28.2921, 32.1672,
53.4337

■ 7.3165, 5.0606,
0.6773

■ 30.7648, 35.1151,
60.4157

Harmonies

Analogous

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



14.0398, 14.3775, 15.0468



13.8803, 14.3775, 14.6139



13.6647, 14.3775, 14.4583

Triad

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



13.8803, 14.3775, 14.6139



13.2410, 14.3775, 15.6567



13.8816, 14.3775, 16.7415

Complementary

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



13.8803, 14.3775, 14.6139



13.5516, 14.4657, 16.8300

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.



13.6661, 14.3775, 16.9153



13.8803, 14.3775, 14.6139



13.2977, 14.3775, 16.2787

Square

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



13.8803, 14.3775, 14.6139



13.2970, 14.3775, 15.0503



13.4527, 14.3775, 16.7437



14.0405, 14.3775, 16.2750

Rectangle

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



13.8803, 14.3775, 14.6139



13.5186, 14.3775, 14.5293



13.4527, 14.3775, 16.7437



13.8133, 14.3775, 16.8367

Sweetspot

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



13.8807, 14.3781, 14.6142



25.5498, 26.7680, 28.6094



13.8394, 13.8809, 15.8784



5.9546, 6.2407, 6.6805



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.



13.8807, 14.3781, 14.6142



23.9509, 24.6962, 24.6053



14.2904, 15.1976, 14.7508



3.4776, 3.5876, 3.5825



8.6624, 5.8573, 0.6740



42.3803, 27.6357, 3.1005

Inverse Universe

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



13.5516, 14.4657, 16.8300



23.2259, 24.8892, 29.4872



13.1510, 13.6645, 16.6965



3.3749, 3.6150, 4.2741



5.8886, 6.3674, 18.6403



28.4852, 30.0222, 92.5727

Previews

White Background



This preview shows how the XYZ color 13.8803, 14.3775, 14.6139 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 13.8803, 14.3775, 14.6139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

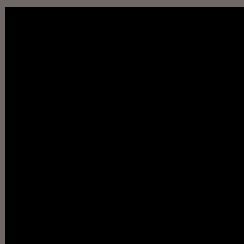
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

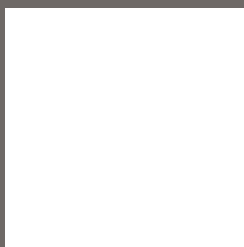
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.8803, 14.3775, 14.6139

Background



This preview shows how black text looks on a background with the XYZ color 13.8803, 14.3775, 14.6139.



This preview shows how white text looks on a background with the XYZ color 13.8803, 14.3775,

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

13.8803, 14.3775, 14.6139

Protanopia

13.7565, 14.3137, 14.6081

Deuteranopia

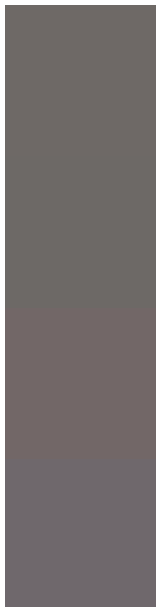
14.5357, 14.2639, 14.8191



Tritanopia

14.4305, 14.4500, 17.3578

Trichromacy



Original Color

13.8803, 14.3775, 14.6139

Protanomaly

13.7565, 14.3137, 14.6081

Deuteranomaly

14.2379, 14.2572, 14.8335

Tritanomaly

14.2126, 14.3628, 16.2106

Monochromacy



Original Color

13.8803, 14.3775, 14.6139

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.7672, 14.4538, 15.4288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8803, 14.3775, 14.6139 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(110, 105, 102)` looks like.

```
.text, #text, p{  
    color:rgb(110, 105, 102)  
}
```

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(110, 105, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 105, 102) }
```

Border

The CSS property to change the border of an element to XYZ 13.8803, 14.3775, 14.6139 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(110, 105, 102) }
```


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

```
.border{ border-color:rgb(110, 105, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 105, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 105, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 105, 102);  
box-shadow:4px 4px 4px 4px rgb(110, 105,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8803, 14.3775, 14.6139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 105, 102) }
```

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

```
.background{ background-color: rgb(110,  
105, 102) }
```

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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