

Converting Colors

XYZ(14.8656, 13.6351, 18.9411)

Have a look what the booklet for
XYZ(14.8656, 13.6351, 18.9411)
contains.

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Color

**XYZ(14.8808, 13.6393,
18.9879)**

Conversions

Conversions Part 1

Format	Color
Hex	756176
RGB	117, 97, 118
RGB Percent	46%, 38%, 46%
CMY	0.5412, 0.6196, 0.5373
CMYK	0.01, 0.18, 0.00, 0.54
HSL	297°, 10%, 42%
HSV	297°, 18%, 46%
XYZ	14.8808, 13.6393, 18.9879
YIQ	105.3740, 5.1790, 10.7710

Conversions

Conversions Part 2

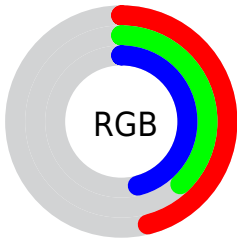
Format	Color
R_{YB}	117, 97, 118
Decimal	7692662
CIE Lab	43.71, 12.11, -8.79
CIE LCh	44, 14.961, 324.028
Yxy	13.6393, 0.3132, 0.2871
Android (android.graphics.Color)	4285882742 (0xFF756176)
YUV	105.3740, 6.2246, 10.1960
Hunter-Lab	36.9314, 7.2931, -4.6313

Details

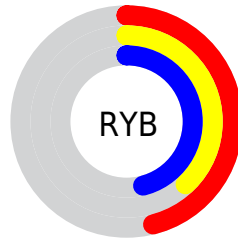
The XYZ color **14.8808, 13.6393, 18.9879** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6736, 16.4170, 13.7581**, and the grayscale version is **13.5117, 14.2153, 15.4805**.

A 20% lighter version of the original color is **34.2078, 32.5171, 42.5037**, and **4.7436, 4.0751, 6.3309** is the 20% darker color. If you saturate the color by 10%, you get **13.7954, 11.5801, 18.6478**, and if you desaturate by 10%, it is **16.1296, 16.0243, 19.3826**.

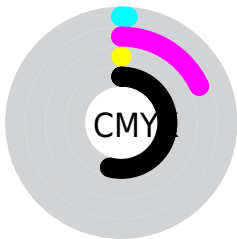
Distribution



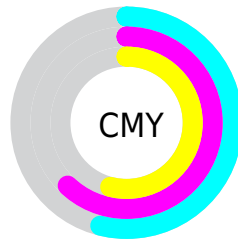
- Red (46%)
- Green (38%)
- Blue (46%)



- Red (46%)
- Yellow (38%)
- Blue (46%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (54%)



- Cyan (54%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8808, 13.6393, 18.9879 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 14.8808, 13.6393, 18.9879 by changing the saturation by 10% instead.

■ 14.8808, 13.6393,
18.9879

■ 14.8808, 13.6393,
18.9879

216.0463,
214.9752, 258.8025

■ 8.8215, 7.8702,
11.4848

■ 34.2173, 32.4476,
42.5501

■ 4.6811, 4.0120,
6.2757

■ 48.2253, 46.2557,
59.4462

■ 2.0942, 1.6803,
2.9419

■ 65.6135, 63.5122,
80.3105

■ 0.6861, 0.4108,
1.0651

■ 86.7474, 84.6015,
105.5615

■ 0.0000, 0.0000,
0.0000

111.9922,
109.9081, 135.6176

141.7134,

139.8163, 170.8974

176.2763,
174.7105, 211.8195

■ 14.8808, 13.6393,
18.9879

■ 14.8808, 13.6393,
18.9879

■ 13.7954, 11.5801,
18.6478

■ 16.1296, 16.0243,
19.3826

■ 12.8652, 9.8308,
18.3592

■ 17.5474, 18.7468,
19.8334

■ 12.0828, 8.3764,
18.1197

■ 19.1409, 21.8199,
20.3426

■ 11.4399, 7.2005,
17.9266

■ 20.9161, 25.2557,
20.9122

■ 10.9275, 6.2846,
17.7769

■ 22.8786, 29.0656,
21.5441

■ 10.5351, 5.6083,
17.6670

■ 25.0339, 33.2605,
22.2402

■ 10.2511, 5.1481,
17.5932

■ 27.3874, 37.8509,
23.0022

■ 10.0447, 4.8424,
17.5450

■ 29.9440, 42.8468,
23.8318

■ 10.0006, 4.7778,
17.5349

■ 32.7085, 48.2580,
24.7306

Harmonies

Analogous

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



13.9062, 13.6393, 21.5841



14.8808, 13.6393, 18.9879



15.3447, 13.6393, 15.5348

Triad

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



14.8808, 13.6393, 18.9879



13.2004, 13.6393, 9.2973



11.0066, 13.6393, 17.6463

Complementary

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



14.8808, 13.6393, 18.9879



13.6736, 16.4170, 13.7581

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.



10.8428, 13.6393, 14.1874



14.8808, 13.6393, 18.9879



12.0648, 13.6393, 9.6875

Square

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



14.8808, 13.6393, 18.9879



14.3376, 13.6393, 10.2031



11.2188, 13.6393, 11.3632



11.6806, 13.6393, 20.7312

Rectangle

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



14.8808, 13.6393, 18.9879



15.2831, 13.6393, 13.3361



11.2188, 13.6393, 11.3632



10.8918, 13.6393, 16.4762

Sweetspot

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



14.8812, 13.6399, 18.9882



28.9969, 29.3947, 34.2824



12.5728, 12.5948, 18.9081



6.6364, 6.6999, 7.8724



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.



14.8812, 13.6399, 18.9882



25.4212, 22.5674, 33.1531



14.4825, 13.4960, 16.1835



3.8102, 3.7495, 4.6131



10.8162, 5.1673, 18.9699



52.4985, 25.0725, 92.4328

Inverse Universe

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



13.9510, 13.2834, 13.3847



23.4962, 21.8306, 21.5180



14.0337, 16.5486, 16.2138



3.6904, 3.7034, 3.8963



8.1147, 4.1796, 0.5465



39.4543, 20.3318, 2.1897

Previews

White Background



This preview shows how the XYZ color 14.8808, 13.6393, 18.9879 looks on a white background.

Color Contrast Check

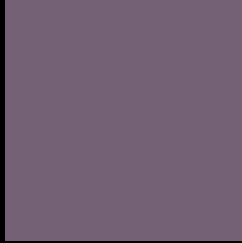
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8808, 13.6393, 18.9879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

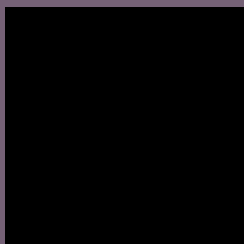
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8808, 13.6393, 18.9879

Background



This preview shows how black text looks on a background with the XYZ color 14.8808, 13.6393, 18.9879.



This preview shows how white text looks on a background with the XYZ color 14.8808, 13.6393,

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

14.8808, 13.6393, 18.9879

Protanopia

13.6186, 13.8150, 20.3611

Deuteranopia

13.9280, 13.7175, 18.7433



Tritanopia

14.1859, 13.6301, 15.7931

Trichromacy



Original Color

14.8808, 13.6393, 18.9879

Protanomaly

14.0487, 13.7520, 20.0031

Deuteranomaly

14.3236, 13.7782, 18.7341

Tritanomaly

14.4394, 13.5961, 16.9022

Monochromacy



Original Color

14.8808, 13.6393, 18.9879

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.8725, 13.8797, 16.6997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8808, 13.6393, 18.9879 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(117, 97, 118)` looks like.

```
.text, #text, p{  
    color:rgb(117, 97, 118)  
}
```

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(117, 97, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 97, 118) }
```

Border

The CSS property to change the border of an element to XYZ 14.8808, 13.6393, 18.9879 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(117, 97, 118) }
```


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

```
.border{ border-color:rgb(117, 97, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 97, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 97, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 97, 118);  
box-shadow:4px 4px 4px 4px rgb(117, 97,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8808, 13.6393, 18.9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 97, 118) }
```

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

```
.background{ background-color: rgb(117, 97,  
118) }
```

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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