

Converting Colors

XYZ(14.8300, 13.8249, 19.1163)

Have a look what the booklet for
XYZ(14.8300, 13.8249, 19.1163)
contains.

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Color

**XYZ(14.8021, 13.8765,
19.0378)**

Conversions

Conversions Part 1

Format	Color
Hex	736376
RGB	115, 99, 118
RGB Percent	45%, 39%, 46%
CMY	0.5490, 0.6118, 0.5373
CMYK	0.03, 0.16, 0.00, 0.54
HSL	291°, 9%, 43%
HSV	291°, 16%, 46%
XYZ	14.8021, 13.8765, 19.0378
YIQ	105.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

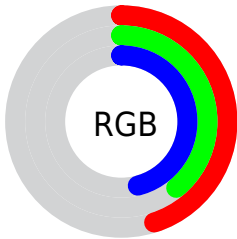
Format	Color
R_{YB}	115, 99, 118
Decimal	7562102
CIE Lab	44.06, 10.15, -8.29
CIE LCh	44, 13.106, 320.748
Yxy	13.8765, 0.3102, 0.2908
Android (android.graphics.Color)	4285752182 (0xFF736376)
YUV	105.9500, 5.9407, 7.9369
Hunter-Lab	37.2512, 5.7391, -4.2253

Details

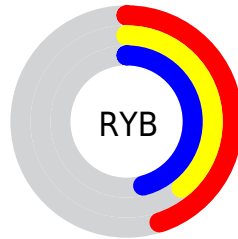
The XYZ color **14.8021, 13.8765, 19.0378** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2105, 16.6828, 14.2761**, and the grayscale version is **13.6698, 14.3817, 15.6617**.

A 20% lighter version of the original color is **34.0984, 32.9305, 42.5892**, and **4.6482, 4.0915, 6.3391** is the 20% darker color. If you saturate the color by 10%, you get **13.5225, 11.6771, 18.6809**, and if you desaturate by 10%, it is **16.2509, 16.4064, 19.4500**.

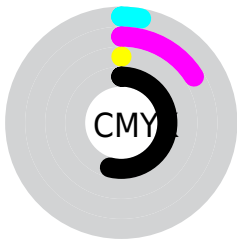
Distribution



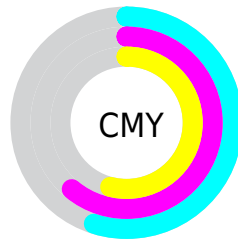
- Red (45%)
- Green (39%)
- Blue (46%)



- Red (45%)
- Yellow (39%)
- Blue (46%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (54%)



- Cyan (55%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8021, 13.8765, 19.0378 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 14.8021, 13.8765, 19.0378 by changing the saturation by 10% instead.

■ 14.8021, 13.8765,
19.0378

■ 14.8021, 13.8765,
19.0378

215.5775,
216.4612, 259.0870

■ 8.7660, 8.0348,
11.5205

■ 34.0801, 32.8697,
42.6355

■ 4.6448, 4.1172,
6.2995

■ 48.0528, 46.7901,
59.5530

■ 2.0730, 1.7394,
2.9563

■ 65.4017, 64.1721,
80.4410

■ 0.6745, 0.4489,
1.0724

■ 86.4923, 85.4002,
105.7180

■ 0.0000, 0.0000,
0.0000

111.6897,
110.8588, 135.8026

141.3595,

140.9322, 171.1132

175.8670,
176.0048, 212.0685

■ 14.8021, 13.8765,
19.0378

■ 14.8021, 13.8765,
19.0378

■ 13.5225, 11.6771,
18.6809

■ 16.2509, 16.4064,
19.4500

■ 12.4037, 9.7923,
18.3761

■ 17.8742, 19.2782,
19.9187

■ 11.4386, 8.2075,
18.1211

■ 19.6788, 22.5052,
20.4465

■ 10.6189, 6.9063,
17.9131

■ 21.6706, 26.0991,
21.0352

■ 9.9355, 5.8707,
17.7492

■ 23.8554, 30.0714,
21.6868

■ 9.3785, 5.0806,
17.6261

■ 26.2385, 34.4329,
22.4030

■ 8.9363, 4.5131,
17.5398

■ 28.8252, 39.1940,
23.1857

■ 8.5863, 4.1228,
17.4830

■ 31.6206, 44.3647,
24.0364

■ 8.4562, 3.9816,
17.4626

■ 34.6295, 49.9548,
24.9568

Harmonies

Analogous

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



13.9117, 13.8765, 21.1345



14.8021, 13.8765, 19.0378



15.2669, 13.8765, 16.0505

Triad

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



14.8021, 13.8765, 19.0378



13.5139, 13.8765, 10.1245



11.4031, 13.8765, 17.2341

Complementary

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



14.8021, 13.8765, 19.0378



14.2105, 16.6828, 14.2761

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.



11.3091, 13.8765, 14.2054



14.8021, 13.8765, 19.0378



12.4922, 13.8765, 10.3539

Square

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



14.8021, 13.8765, 19.0378



14.4978, 13.8765, 11.0876



11.6979, 13.8765, 11.7620



11.9618, 13.8765, 20.0016

Rectangle

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



14.8021, 13.8765, 19.0378



15.2569, 13.8765, 14.0643



11.6979, 13.8765, 11.7620



11.3173, 13.8765, 16.2045

Sweetspot

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



14.8025, 13.8771, 19.0381



28.8388, 29.3132, 34.2750



13.1839, 13.4968, 19.0500



6.5962, 6.6792, 7.8705



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.



14.8025, 13.8771, 19.0381



25.2358, 23.0319, 33.2525



14.8395, 13.9382, 17.1407



3.7726, 3.7301, 4.6114



9.1399, 4.3031, 18.8914



43.9450, 20.6630, 92.0325

Inverse Universe

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



14.3317, 13.7351, 14.4667



24.2663, 22.7423, 23.7126



14.1914, 16.6366, 15.9183



3.7054, 3.7094, 3.9752



8.2031, 4.2150, 1.0119



39.7623, 20.4550, 3.8117

Previews

White Background



This preview shows how the XYZ color 14.8021, 13.8765, 19.0378 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 14.8021, 13.8765, 19.0378 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 14.8021, 13.8765, 19.0378

Background



This preview shows how black text looks on a background with the XYZ color 14.8021, 13.8765, 19.0378.



This preview shows how white text looks on a background with the XYZ color 14.8021, 13.8765,

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

14.8021, 13.8765, 19.0378

Protanopia

13.6683, 13.8477, 20.0416

Deuteranopia

14.2057, 13.9989, 19.0929



Tritanopia

14.3534, 13.9889, 16.4116

Trichromacy



Original Color

14.8021, 13.8765, 19.0378

Protanomaly

14.0854, 13.9230, 19.7143

Deuteranomaly

14.4792, 13.9949, 19.0777

Tritanomaly

14.4212, 13.8616, 17.2447

Monochromacy



Original Color

14.8021, 13.8765, 19.0378

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.9714, 14.0775, 16.7327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8021, 13.8765, 19.0378 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, 99, 118)` looks like.

```
.text, #text, p{  
    color:rgb(115, 99, 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(115, 99, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 99, 118) }
```

Border

The CSS property to change the border of an element to XYZ 14.8021, 13.8765, 19.0378 is called "border". The border property can be set on classes, ids or directly on the HTML element.

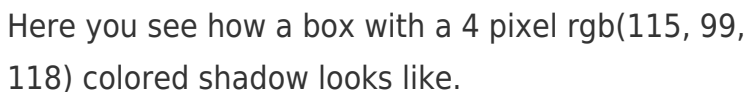
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 99, 118) }
```


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

```
.border{ border-color:rgb(115, 99, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 99, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 99, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 99, 118); box-shadow:4px 4px 4px 4px rgb(115, 99, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8021, 13.8765, 19.0378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 99, 118) }
```

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

```
.background{ background-color: rgb(115, 99,  
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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