

Converting Colors

XYZ(14.8127, 15.2421, 19.1378)

Have a look what the booklet for
XYZ(14.8127, 15.2421, 19.1378)
contains.

XYZ(14.7578, 15.1976, 18.9852)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.7578, 15.1976,
18.9852)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6C75
RGB	108, 108, 117
RGB Percent	42%, 42%, 46%
CMY	0.5765, 0.5765, 0.5412
CMYK	0.08, 0.08, 0.00, 0.54
HSL	240°, 4%, 44%
HSV	240°, 8%, 46%
XYZ	14.7578, 15.1976, 18.9852
YIQ	109.0260, -2.8890, 2.7990

Conversions

Conversions Part 2

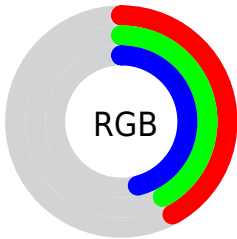
Format	Color
RYB	108, 108, 117
Decimal	7105653
CIELab	45.90, 1.91, -5.00
CIELCh	46, 5.356, 290.928
Yxy	15.1976, 0.3015, 0.3105
Android (android.graphics.Color)	4285295733 (0xFF6C6C75)
YUV	109.0260, 3.9312, -0.8998
Hunter-Lab	38.9841, -0.6493, -1.5853

Details

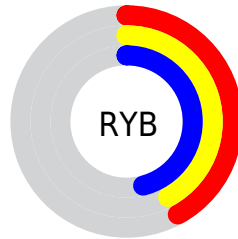
The XYZ color **14.7578, 15.1976, 18.9852** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4043, 17.5871, 16.7178**, and the grayscale version is **14.5333, 15.2902, 16.6510**.

A 20% lighter version of the original color is **33.8576, 35.0318, 42.5134**, and **4.6674, 4.7593, 6.3029** is the 20% darker color. If you saturate the color by 10%, you get **12.2772, 12.2089, 18.5393**, and if you desaturate by 10%, it is **17.5959, 18.6172, 19.4959**.

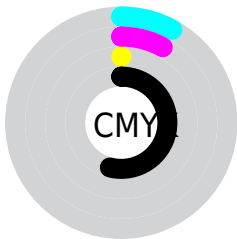
Distribution



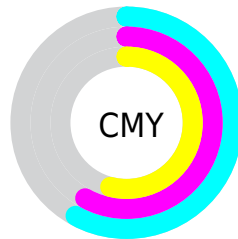
- Red (42%)
- Green (42%)
- Blue (46%)



- Red (42%)
- Yellow (42%)
- Blue (46%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (54%)



- Cyan (58%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7578, 15.1976, 18.9852 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 14.7578, 15.1976, 18.9852 by changing the saturation by 10% instead.

■ 14.7578, 15.1976,
18.9852

■ 14.7578, 15.1976,
18.9852

215.3131,
224.5591, 258.7870

■ 8.7348, 8.9582,
11.4829

■ 34.0029, 35.1995,
42.5455

■ 4.6243, 4.7139,
6.2744

■ 47.9557, 49.7307,
59.4405

■ 2.0610, 2.0804,
2.9412

■ 65.2824, 67.7946,
80.3035

■ 0.6679, 0.6536,
1.0647

■ 86.3485, 89.7757,
105.5530

■ 0.0000, 0.0000,
0.0000

111.5192,
116.0583, 135.6076

141.1600,

147.0268, 170.8857

175.6362,
183.0656, 211.8060

■ 14.7578, 15.1976,
18.9852

■ 14.7578, 15.1976,
18.9852

■ 12.2772, 12.2089,
18.5393

■ 17.5959, 18.6172,
19.4959

■ 10.1386, 9.6321,
18.1546

■ 20.8034, 22.4819,
20.0728

■ 8.3275, 7.4499,
17.8289

■ 24.3934, 26.8074,
20.7185

■ 6.8277, 5.6427,
17.5591

■ 28.3779, 31.6083,
21.4352

■ 5.6216, 4.1894,
17.3422

■ 32.7685, 36.8984,
22.2248

■ 4.6900, 3.0669,
17.1746

■ 37.5762, 42.6911,
23.0895

■ 4.0114, 2.2491,
17.0525

■ 42.8117, 48.9990,
24.0312

■ 3.5610, 1.7063,
16.9715

■ 48.4850, 55.8346,
25.0515

■ 3.2742, 1.3608,
16.9199

■ 54.6061, 63.2097,
26.1525

Harmonies

Analogous

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



14.3081, 15.1976, 19.1315



14.7578, 15.1976, 18.9852



15.1308, 15.1976, 18.1680

Triad

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



14.7578, 15.1976, 18.9852



15.0001, 15.1976, 14.6879



13.6028, 15.1976, 16.1579

Complementary

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



14.7578, 15.1976, 18.9852



16.4043, 17.5871, 16.7178

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.



13.7800, 15.1976, 15.0266



14.7578, 15.1976, 18.9852



14.5825, 15.1976, 14.2075

Square

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



14.7578, 15.1976, 18.9852



15.2727, 15.1976, 15.6736



14.1364, 15.1976, 14.3281



13.6475, 15.1976, 17.4535

Rectangle

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



14.7578, 15.1976, 18.9852



15.2827, 15.1976, 17.3750



14.1364, 15.1976, 14.3281



13.6383, 15.1976, 15.7469

Sweetspot

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



14.7582, 15.1982, 18.9855



29.2132, 30.5719, 34.4983



15.7480, 17.1918, 19.2720



6.7353, 7.0515, 7.9351



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.



14.7582, 15.1982, 18.9855



25.7019, 26.3411, 33.8667



15.3005, 15.4776, 19.0109



3.5006, 3.5899, 4.5987



3.5379, 1.4154, 18.6293



17.2400, 6.8966, 90.7828

Inverse Universe

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



15.4058, 15.5901, 16.3853



27.0800, 27.1751, 28.3331



15.8334, 17.2931, 16.6911



3.6840, 3.7009, 3.8626



8.0829, 4.1669, 0.3787



39.3887, 20.3056, 1.8443

Previews

White Background



This preview shows how the XYZ color 14.7578, 15.1976, 18.9852 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 14.7578, 15.1976, 18.9852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

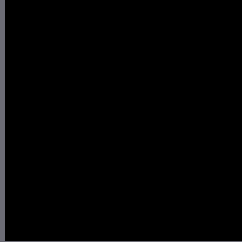
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

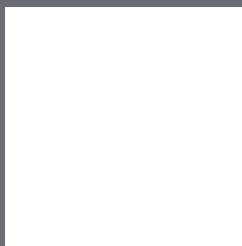
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7578, 15.1976, 18.9852

Background



This preview shows how black text looks on a background with the XYZ color 14.7578, 15.1976, 18.9852.



This preview shows how white text looks on a background with the XYZ color 14.7578, 15.1976,

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

14.7578, 15.1976, 18.9852

Protanopia

14.7578, 15.1976, 18.9852

Deuteranopia

15.4352, 15.2373, 18.9572



Tritanopia

14.7578, 15.1976, 18.9852

Trichromacy



Original Color

14.7578, 15.1976, 18.9852

Protanomaly

14.7578, 15.1976, 18.9852

Deuteranomaly

15.1507, 15.2445, 18.9736

Tritanomaly

14.7578, 15.1976, 18.9852

Monochromacy



Original Color

14.7578, 15.1976, 18.9852

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6999, 15.3583, 17.5189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7578, 15.1976, 18.9852 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(108, 108, 117)` looks like.

```
.text, #text, p{  
    color:rgb(108, 108, 117)  
}
```

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(108, 108, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 108, 117) }
```

Border

The CSS property to change the border of an element to XYZ 14.7578, 15.1976, 18.9852 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(108, 108, 117) }
```


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

```
.border{ border-color:rgb(108, 108, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 108, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 108, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 108, 117);  
box-shadow:4px 4px 4px 4px rgb(108, 108,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7578, 15.1976, 18.9852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 108, 117) }
```

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

```
.background{ background-color: rgb(108,  
108, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor