

Converting Colors

XYZ(14.3850, 14.5370, 19.1873)

Have a look what the booklet for
XYZ(14.3850, 14.5370, 19.1873)
contains.

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Color

**XYZ(14.3850, 14.5370,
19.1873)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6976
RGB	107, 105, 118
RGB Percent	42%, 41%, 46%
CMY	0.5804, 0.5882, 0.5373
CMYK	0.09, 0.11, 0.00, 0.54
HSL	249°, 6%, 44%
HSV	249°, 11%, 46%
XYZ	14.3850, 14.5370, 19.1873
YIQ	107.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

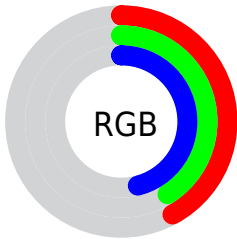
Format	Color
R_{YB}	107, 105, 118
Decimal	7039350
CIE Lab	44.99, 3.55, -6.97
CIE LCh	45, 7.821, 297.029
Yxy	14.5370, 0.2990, 0.3022
Android (android.graphics.Color)	4285229430 (0xFF6B6976)
YUV	107.0800, 5.3836, -0.0702
Hunter-Lab	38.1274, 0.6228, -3.1480

Details

The XYZ color **14.3850, 14.5370, 19.1873** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2313, 17.6902, 15.9245**, and the grayscale version is **13.9838, 14.7121, 16.0214**.

A 20% lighter version of the original color is **33.2447, 33.9483, 42.8307**, and **4.4820, 4.4290, 6.4130** is the 20% darker color. If you saturate the color by 10%, you get **12.1336, 11.7146, 18.7614**, and if you desaturate by 10%, it is **16.9428, 17.7657, 19.6759**.

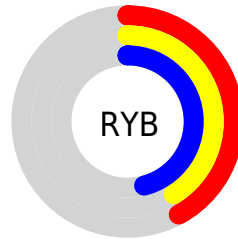
Distribution



Red (42%)

Green (41%)

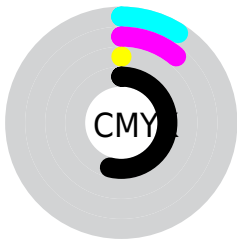
Blue (46%)



Red (42%)

Yellow (41%)

Blue (46%)

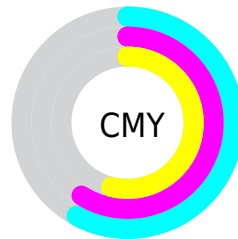


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (54%)



Cyan (58%)

Magenta (59%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3850, 14.5370, 19.1873 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 14.3850, 14.5370, 19.1873 by changing the saturation by 10% instead.

■ 14.3850, 14.5370,
19.1873

■ 14.3850, 14.5370,
19.1873

213.0760,
220.5464, 259.9379

■ 8.4724, 8.4951,
11.6275

■ 33.3512, 34.0389,
42.8913

■ 4.4530, 4.4133,
6.3711

■ 47.1355, 48.2676,
59.8725

■ 1.9615, 1.9074,
2.9996

■ 64.2745, 65.9941,
80.8313

■ 0.6122, 0.5528,
1.0944

■ 85.1334, 87.6027,
106.1863

■ 0.0000, 0.0000,
0.0000

110.0776,
113.4779, 136.3559

139.4726,

144.0039, 171.7586

173.6836,
179.5653, 212.8131

■ 14.3850, 14.5370,
19.1873

■ 14.3850, 14.5370,
19.1873

■ 12.1336, 11.7146,
18.7614

■ 16.9428, 17.7657,
19.6759

■ 10.1756, 9.2805,
18.3948

■ 19.8166, 21.4141,
20.2287

■ 8.4994, 7.2183,
18.0851

■ 23.0171, 25.4972,
20.8481

■ 7.0917, 5.5095,
17.8294

■ 26.5542, 30.0285,
21.5363

■ 5.9385, 4.1341,
17.6247

■ 30.4375, 35.0214,
22.2954

■ 5.0240, 3.0700,
17.4675

■ 34.6760, 40.4882,
23.1272

■ 4.3312, 2.2925,
17.3540

■ 39.2784, 46.4412,
24.0336

■ 3.8401, 1.7729,
17.2796

■ 44.2533, 52.8918,
25.0165

■ 3.5221, 1.4380,
17.2317

■ 49.6087, 59.8515,
26.0776

Harmonies

Analogous

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



13.7532, 14.5370, 19.6237



14.3850, 14.5370, 19.1873



14.8776, 14.5370, 17.8292

Triad

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



14.3850, 14.5370, 19.1873



14.4990, 14.5370, 13.0464



12.6217, 14.5370, 15.6460

Complementary

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



14.3850, 14.5370, 19.1873



16.2313, 17.6902, 15.9245

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.



12.8080, 14.5370, 13.9831



14.3850, 14.5370, 19.1873



13.8810, 14.5370, 12.5568

Square

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



14.3850, 14.5370, 19.1873



14.9448, 14.5370, 14.2770



13.2641, 14.5370, 12.8862



12.7474, 14.5370, 17.4881

Rectangle

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



14.3850, 14.5370, 19.1873



15.0539, 14.5370, 16.6343



13.2641, 14.5370, 12.8862



12.6498, 14.5370, 15.0488

Sweetspot

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



14.3854, 14.5376, 19.1876



28.8196, 30.0090, 34.4104



15.3474, 16.8140, 19.5763



6.5507, 6.8042, 7.8971



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.



14.3854, 14.5376, 19.1876



24.3329, 24.3534, 33.5552



15.1902, 14.9525, 19.2253



3.5482, 3.6144, 4.6009



3.8026, 1.5517, 18.6416



18.0543, 7.3158, 90.8208

Inverse Universe

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



15.6757, 15.2164, 18.6347



27.0399, 25.7777, 32.3804



15.4033, 17.2634, 15.8857



3.8036, 3.7487, 4.4926



10.5605, 5.1579, 13.4256



51.2076, 25.0331, 64.0817

Previews

White Background



This preview shows how the XYZ color 14.3850, 14.5370, 19.1873 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 14.3850, 14.5370, 19.1873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

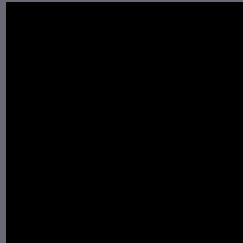
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3850, 14.5370, 19.1873

Background



This preview shows how black text looks on a background with the XYZ color 14.3850, 14.5370, 19.1873.



This preview shows how white text looks on a background with the XYZ color 14.3850, 14.5370,

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

14.3850, 14.5370, 19.1873

Protanopia

14.2497, 14.6193, 19.2103

Deuteranopia

14.7759, 14.5881, 19.1766



Tritanopia

14.1352, 14.5871, 17.9902

Trichromacy



Original Color

14.3850, 14.5370, 19.1873

Protanomaly

14.3679, 14.6802, 19.2158

Deuteranomaly

14.6507, 14.5236, 19.1707

Tritanomaly

14.1924, 14.6100, 18.2917

Monochromacy



Original Color

14.3850, 14.5370, 19.1873

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.0867, 14.5816, 17.1110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3850, 14.5370, 19.1873 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(107, 105, 118)` looks like.

```
.text, #text, p{  
    color:rgb(107, 105, 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(107, 105, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 105, 118) }
```

Border

The CSS property to change the border of an element to XYZ 14.3850, 14.5370, 19.1873 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(107, 105, 118) }
```


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

```
.border{ border-color:rgb(107, 105, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 105, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 105, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 105, 118);  
box-shadow:4px 4px 4px 4px rgb(107, 105,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3850, 14.5370, 19.1873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 105, 118) }
```

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

```
.background{ background-color: rgb(107,  
105, 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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