

Converting Colors

XYZ(14.5515, 14.6809, 19.7884)

Have a look what the booklet for
XYZ(14.5515, 14.6809, 19.7884)
contains.

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Color

**XYZ(14.5051, 14.5850,
19.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6978
RGB	107, 105, 120
RGB Percent	42%, 41%, 47%
CMY	0.5804, 0.5882, 0.5294
CMYK	0.11, 0.12, 0.00, 0.53
HSL	248°, 7%, 44%
HSV	248°, 12%, 47%
XYZ	14.5051, 14.5850, 19.8200
YIQ	107.3080, -3.6230, 5.0890

Conversions

Conversions Part 2

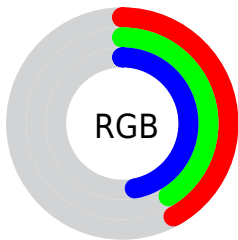
Format	Color
R_{YB}	107, 105, 120
Decimal	7039352
CIE _{Lab}	45.06, 4.00, -8.07
CIE _{LCh}	45, 9.010, 296.392
Yxy	14.5850, 0.2966, 0.2982
Android (android.graphics.Color)	4285229432 (0xFF6B6978)
YUV	107.3080, 6.2572, -0.2701
Hunter-Lab	38.1903, 0.9632, -4.0371

Details

The XYZ color **14.5051, 14.5850, 19.8200** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7381, 18.3048, 16.0163**, and the grayscale version is **14.0448, 14.7763, 16.0913**.

A 20% lighter version of the original color is **33.4354, 34.0246, 43.8349**, and **4.5462, 4.4547, 6.7511** is the 20% darker color. If you saturate the color by 10%, you get **12.1919, 11.7047, 19.3862**, and if you desaturate by 10%, it is **17.1421, 17.8891, 20.3190**.

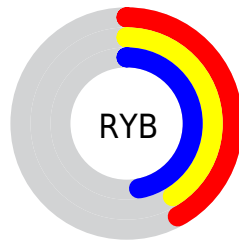
Distribution



Red (42%)

Green (41%)

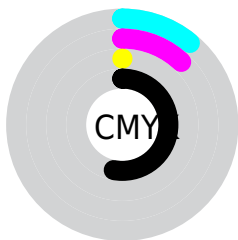
Blue (47%)



Red (42%)

Yellow (41%)

Blue (47%)

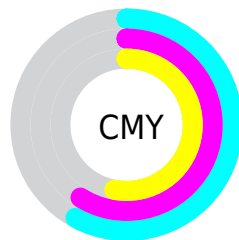


Cyan (11%)

Magenta (12%)

Yellow (0%)

Black (53%)



Cyan (58%)

Magenta (59%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5051, 14.5850, 19.8200 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 14.5051, 14.5850, 19.8200 by changing the saturation by 10% instead.

■ 14.5051, 14.5850,
19.8200

■ 14.5051, 14.5850,
19.8200

213.7991,
220.8404, 263.5109

■ 8.5568, 8.5287,
12.0815

■ 33.5614, 34.1235,
43.9702

■ 4.5081, 4.4350,
6.6760

■ 47.4002, 48.3744,
61.2190

■ 1.9934, 1.9198,
3.1849

■ 64.5999, 66.1257,
82.4749

■ 0.6302, 0.5602,
1.1898

■ 85.5259, 87.7616,
108.1565

■ 0.0000, 0.0000,
0.0000

110.5434,
113.6667, 138.6824

140.0179,

144.2252, 174.4711

174.3147,
179.8217, 215.9411

■ 14.5051, 14.5850,
19.8200

■ 14.5051, 14.5850,
19.8200

■ 12.1919, 11.7047,
19.3862

■ 17.1421, 17.8891,
20.3190

■ 10.1888, 9.2291,
19.0139

■ 20.1134, 21.6313,
20.8847

■ 8.4828, 7.1408,
18.7008

■ 23.4307, 25.8275,
21.5198

■ 7.0597, 5.4199,
18.4436

■ 27.1047, 30.4921,
22.2265

■ 5.9039, 4.0451,
18.2391

■ 31.1455, 35.6392,
23.0070

■ 4.9984, 2.9926,
18.0837

■ 35.5631, 41.2820,
23.8634

■ 4.3244, 2.2358,
17.9732

■ 40.3669, 47.4333,
24.7975

■ 3.8596, 1.7431,
17.9026

■ 45.5659, 54.1054,
25.8114

■ 3.6037, 1.4661,
17.8626

■ 51.1690, 61.3103,
26.9067

Harmonies

Analogous

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



13.7732, 14.5850, 20.3072



14.5051, 14.5850, 19.8200



15.0824, 14.5850, 18.2460

Triad

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



14.5051, 14.5850, 19.8200



14.6656, 14.5850, 12.7212



12.4898, 14.5850, 15.6254

Complementary

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



14.5051, 14.5850, 19.8200



16.7381, 18.3048, 16.0163

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.



12.7104, 14.5850, 13.7290



14.5051, 14.5850, 19.8200



13.9524, 14.5850, 12.1491

Square

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



14.5051, 14.5850, 19.8200



15.1774, 14.5850, 14.1363



13.2394, 14.5850, 12.5011



12.6260, 14.5850, 17.7627

Rectangle

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



14.5051, 14.5850, 19.8200



15.2928, 14.5850, 16.8593



13.2394, 14.5850, 12.5011



12.5245, 14.5850, 14.9405

Sweetspot

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



14.5055, 14.5856, 19.8203



29.3687, 30.4828, 35.5890



15.7243, 17.3756, 20.2946



6.8865, 7.1318, 8.4203



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.5055, 14.5856, 19.8203



24.2877, 24.1246, 34.6295



15.4142, 15.0541, 19.8628



3.8427, 3.9168, 4.9967



3.9234, 1.5953, 19.4864



18.2897, 7.3907, 92.9324

Inverse Universe

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



16.0679, 15.4049, 19.2670



27.6079, 25.8662, 33.4334



15.7909, 17.8165, 15.9720



4.1326, 4.0688, 4.8960



11.1732, 5.4454, 14.7347



53.0705, 25.8845, 69.0924

Previews

White Background



This preview shows how the XYZ color 14.5051, 14.5850, 19.8200 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 14.5051, 14.5850, 19.8200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

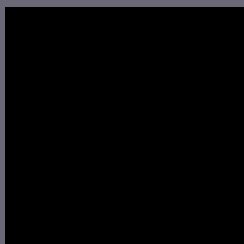
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5051, 14.5850, 19.8200

Background



This preview shows how black text looks on a background with the XYZ color 14.5051, 14.5850, 19.8200.



This preview shows how white text looks on a background with the XYZ color 14.5051, 14.5850,

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

14.5051, 14.5850, 19.8200

Protanopia

14.3141, 14.6316, 20.1589

Deuteranopia

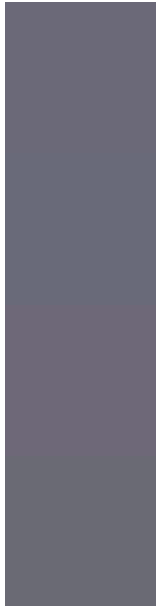
14.8960, 14.6362, 19.8093



Tritanopia

14.1352, 14.5871, 17.9902

Trichromacy



Original Color

14.5051, 14.5850, 19.8200

Protanomaly

14.4309, 14.6918, 20.1644

Deuteranomaly

14.7709, 14.5717, 19.8034

Tritanomaly

14.2503, 14.6332, 18.5964

Monochromacy



Original Color

14.5051, 14.5850, 19.8200

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1421, 14.6037, 17.4027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5051, 14.5850, 19.8200 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(107, 105, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 105, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.5051, 14.5850, 19.8200 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, 120) }
```


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

```
.border{ border-color:rgb(107, 105, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 105, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 105, 120);  
box-shadow:4px 4px 4px 4px rgb(107, 105,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5051, 14.5850, 19.8200 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, 120) }
```

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

```
.background{ background-color: rgb(107,  
105, 120) }
```

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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