

Converting Colors

XYZ(47.5894, 49.5260, 60.4773)

Have a look what the booklet for
XYZ(47.5894, 49.5260, 60.4773)
contains.

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Color

**XYZ(47.5191, 49.3854,
60.4539)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BAC6
RGB	184, 186, 198
RGB Percent	72%, 73%, 78%
CMY	0.2784, 0.2706, 0.2235
CMYK	0.07, 0.06, 0.00, 0.22
HSL	231°, 11%, 75%
HSV	231°, 7%, 78%
XYZ	47.5191, 49.3854, 60.4539
YIQ	186.7700, -5.0440, 3.3080

Conversions

Conversions Part 2

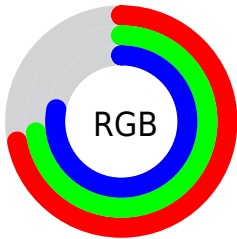
Format	Color
R_{YB}	184, 186, 198
Decimal	12106438
CIE Lab	75.69, 1.62, -6.29
CIE LCh	76, 6.499, 284.438
Yxy	49.3854, 0.3020, 0.3138
Android (android.graphics.Color)	4290296518 (0xFFB8BAC6)
YUV	186.7700, 5.5364, -2.4293
Hunter-Lab	70.2747, -2.2808, -1.8119

Details

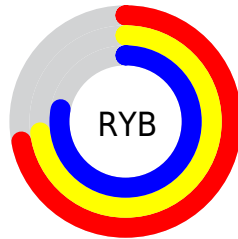
The XYZ color **47.5191, 49.3854, 60.4539** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6804, 54.9457, 53.2299**, and the grayscale version is **47.0775, 49.5292, 53.9373**.

A 20% lighter version of the original color is **85.7373, 89.2495, 107.3158**, and **22.7816, 23.6140, 29.7428** is the 20% darker color. If you saturate the color by 10%, you get **39.7395, 40.3810, 59.1267**, and if you desaturate by 10%, it is **56.3899, 59.5851, 61.9559**.

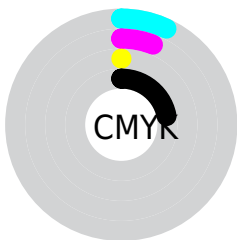
Distribution



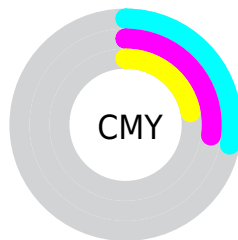
- Red (72%)
- Green (73%)
- Blue (78%)



- Red (72%)
- Yellow (73%)
- Blue (78%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5191, 49.3854, 60.4539 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 47.5191, 49.3854, 60.4539 by changing the saturation by 10% instead.

■ 47.5191, 49.3854,
60.4539

■ 47.5191, 49.3854,
60.4539

367.4972,
384.2576, 444.1198

■ 33.6559, 34.9253,
43.3569

■ 85.7020, 89.2636,
107.0376

■ 22.7910, 23.6053,
29.8318

110.7524,
115.4505, 137.3615

■ 14.5591, 15.0411,
19.4600

140.2625,
146.3151, 172.9313

■ 8.5948, 8.8482,
11.8229

174.5978,
182.2418, 214.1657

■ 4.5328, 4.6423,
6.5022

214.1235,
223.6150, 261.4832

■ 2.0078, 2.0390,
3.0791

259.2051,

■ 0.6383, 0.6300,

270.8191, 315.3024

1.1352

310.2079,
324.2385, 376.0417

■ 0.0000, 0.0000,
0.0000

■ 47.5191, 49.3854,
60.4539

■ 47.5191, 49.3854,
60.4539

■ 39.7395, 40.3810,
59.1267

■ 56.3899, 59.5851,
61.9559

■ 33.0046, 32.5220,
57.9647

■ 66.3875, 71.0153,
63.6352

■ 27.2708, 25.7639,
56.9625

■ 77.5512, 83.7175,
65.4986

■ 22.4899, 20.0573,
56.1130

■ 86.8348, 96.1405,
67.4071

■ 18.6096, 15.3487,
55.4086

■ 87.1932, 96.8573,
67.5266

■ 15.5724, 11.5799,
54.8412

■ 13.3142, 8.6865,
54.4018

■ 11.7611, 6.5957,
54.0801

■ 10.8180, 5.2191,
53.8641

Harmonies

Analogous

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



46.3208, 49.3854, 60.4175



47.5191, 49.3854, 60.4539



48.5794, 49.3854, 58.6479

Triad

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



47.5191, 49.3854, 60.4539



48.6122, 49.3854, 49.2614



44.7437, 49.3854, 52.0127

Complementary

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



47.5191, 49.3854, 60.4539



51.6804, 54.9457, 53.2299

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.



45.3366, 49.3854, 49.1747



47.5191, 49.3854, 60.4539



47.5633, 49.3854, 47.6331

Square

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



47.5191, 49.3854, 60.4539



49.2178, 49.3854, 52.1356



46.3643, 49.3854, 47.6021



44.7323, 49.3854, 55.4429

Rectangle

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



47.5191, 49.3854, 60.4539



49.0595, 49.3854, 56.6849



46.3643, 49.3854, 47.6021



44.8811, 49.3854, 50.9612

Sweetspot

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



47.5205, 49.3875, 60.4550



91.8201, 96.2887, 108.3539



49.9145, 54.5603, 60.0661



19.6871, 20.6487, 23.1979



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



47.5205, 49.3875, 60.4550



82.6136, 85.6834, 106.7921



48.2958, 49.1651, 60.3712



10.1771, 10.5282, 13.4133



6.9422, 3.2783, 35.0112



0.3693, 0.2364, 1.6713

Inverse Universe

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



49.2932, 49.8329, 53.4775



86.1959, 86.5927, 92.6898



50.8644, 55.2003, 53.3221



10.6947, 10.6613, 11.3754



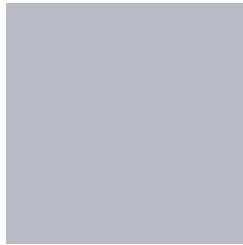
15.3034, 7.8709, 1.5418



0.7451, 0.3809, 0.1809

Previews

White Background



This preview shows how the XYZ color 47.5191, 49.3854, 60.4539 looks on a white background.

Color Contrast Check

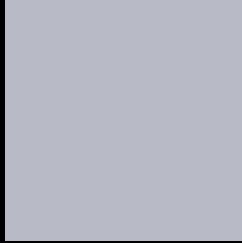
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 47.5191, 49.3854, 60.4539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

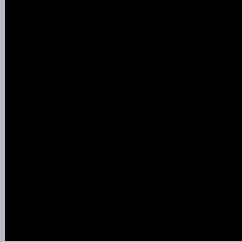
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5191, 49.3854, 60.4539

Background



This preview shows how black text looks on a background with the XYZ color 47.5191, 49.3854, 60.4539.



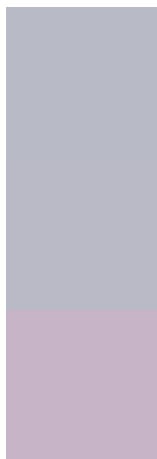
This preview shows how white text looks on a background with the XYZ color 47.5191, 49.3854,

60.4539.

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

47.5191, 49.3854, 60.4539

Protanopia

47.7917, 49.2142, 60.4065

Deuteranopia

50.3859, 49.3134, 60.8956



Tritanopia

47.7514, 49.4783, 61.6771

Trichromacy



Original Color

47.5191, 49.3854, 60.4539

Protanomaly

47.5496, 49.0894, 60.3952

Deuteranomaly

49.4904, 49.4598, 60.9711

Tritanomaly

47.6349, 49.4317, 61.0635

Monochromacy



Original Color

47.5191, 49.3854, 60.4539

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.4240, 49.7413, 56.3917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5191, 49.3854, 60.4539 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(184, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(184, 186, 198)  
}
```

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(184, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 186, 198) }
```

Border

The CSS property to change the border of an element to XYZ 47.5191, 49.3854, 60.4539 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(184, 186, 198) }
```


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

```
.border{ border-color:rgb(184, 186, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 186, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 186, 198);  
box-shadow:4px 4px 4px 4px rgb(184, 186,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5191, 49.3854, 60.4539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 186, 198) }
```

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

```
.background{ background-color: rgb(184,  
186, 198) }
```

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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