

Converting Colors

XYZ(45.2957, 47.7870, 54.7700)

Have a look what the booklet for
XYZ(45.2957, 47.7870, 54.7700)
contains.

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Color

**XYZ(45.3819, 47.7789,
54.9745)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B8BD
RGB	181, 184, 189
RGB Percent	71%, 72%, 74%
CMY	0.2902, 0.2784, 0.2588
CMYK	0.04, 0.03, 0.00, 0.26
HSL	217°, 6%, 73%
HSV	217°, 4%, 74%
XYZ	45.3819, 47.7789, 54.9745
YIQ	183.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

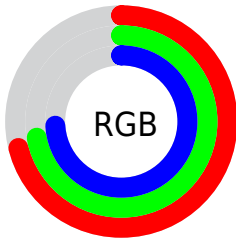
Format	Color
R _Y B	181, 183, 189
Decimal	11909309
CIE Lab	74.69, -0.09, -2.90
CIE LCh	75, 2.904, 268.272
Yxy	47.7789, 0.3064, 0.3225
Android (android.graphics.Color)	4290099389 (0xFFB5B8BD)
YUV	183.6730, 2.6262, -2.3442
Hunter-Lab	69.1223, -3.7707, 1.2309

Details

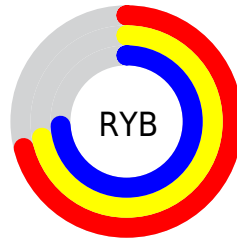
The XYZ color **45.3819, 47.7789, 54.9745** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.8858, 49.2724, 50.7563**, and the grayscale version is **45.3681, 47.7308, 51.9788**.

A 20% lighter version of the original color is **82.5666, 86.9173, 98.8112**, and **21.4623, 22.5994, 26.5235** is the 20% darker color. If you saturate the color by 10%, you get **38.8967, 40.9470, 53.9983**, and if you desaturate by 10%, it is **52.6757, 55.3342, 56.0491**.

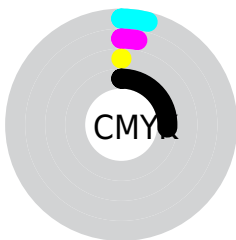
Distribution



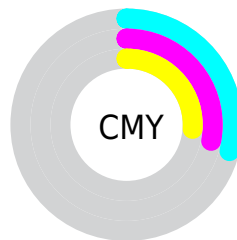
- Red (71%)
- Green (72%)
- Blue (74%)



- Red (71%)
- Yellow (72%)
- Blue (74%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (29%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3819, 47.7789, 54.9745 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 45.3819, 47.7789, 54.9745 by changing the saturation by 10% instead.

■ 45.3819, 47.7789,
54.9745

■ 45.3819, 47.7789,
54.9745

359.0758,
377.9151, 423.0945

■ 31.9609, 33.6518,
38.9828

■ 82.5267, 86.8751,
98.9744

■ 21.4870, 22.6263,
26.4387

106.9813,
112.6131, 127.8197

■ 13.5950, 14.3178,
16.9234

135.8444,
142.9901, 161.7866

■ 7.9193, 8.3420,
10.0185

169.4814,
178.3905, 201.2937

■ 4.0947, 4.3146,
5.3055

208.2577,
219.1989, 246.7595

■ 1.7559, 1.8510,
2.3657

252.5386,

■ 0.4909, 0.5187,

265.7995, 298.6025

0.7677

302.6896,
318.5768, 357.2413

■ 0.0000, 0.0000,
0.0000

■ 45.3819, 47.7789,
54.9745

■ 45.3819, 47.7789,
54.9745

■ 38.8967, 40.9470,
53.9983

■ 52.6757, 55.3342,
56.0491

■ 33.1871, 34.8100,
53.1147

■ 60.8015, 63.6281,
57.2217

■ 28.2235, 29.3464,
52.3217

■ 69.7869, 72.6829,
58.4959

■ 23.9731, 24.5312,
51.6163

■ 79.0649, 82.2131,
59.8464

■ 20.4001, 20.3377,
50.9952

■ 82.4857, 89.0548,
60.9867

■ 17.4658, 16.7372,
50.4549

■ 86.1338, 96.3509,
62.2027

■ 15.1269, 13.6982,
49.9916

■ 86.1855, 96.4542,
62.2199

■ 13.3342, 11.1855,
49.6011

■ 12.0291, 9.1585,
49.2786

Harmonies

Analogous

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



44.8822, 47.7789, 54.5277



45.3819, 47.7789, 54.9745



45.8935, 47.7789, 54.6179

Triad

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



45.3819, 47.7789, 54.9745



46.3096, 47.7789, 50.6622



44.5570, 47.7789, 50.5136

Complementary

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



45.3819, 47.7789, 54.9745



46.8858, 49.2724, 50.7563

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.



44.9347, 47.7789, 49.5118



45.3819, 47.7789, 54.9745



45.9467, 47.7789, 49.5964

Square

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



45.3819, 47.7789, 54.9745



46.4316, 47.7789, 52.1105



45.4429, 47.7789, 49.1793



44.4083, 47.7789, 51.9357

Rectangle

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



45.3819, 47.7789, 54.9745



46.1720, 47.7789, 53.9763



45.4429, 47.7789, 49.1793



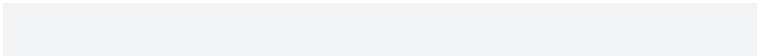
44.6612, 47.7789, 50.1176

Sweetspot

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



45.3833, 47.7809, 54.9755



85.3215, 89.7834, 99.0592



46.1103, 49.7621, 53.5928



18.3624, 19.3225, 21.3044



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



45.3833, 47.7809, 54.9755



80.2406, 84.4879, 98.3049



44.9857, 46.6597, 54.7801



9.8514, 10.3733, 12.1552



7.7620, 5.6357, 33.0716



0.3674, 0.3475, 1.3166

Inverse Universe

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



46.1630, 47.3282, 52.0520



81.9096, 83.5290, 92.0448



47.2943, 50.4320, 50.9586



10.0789, 10.2435, 11.3015



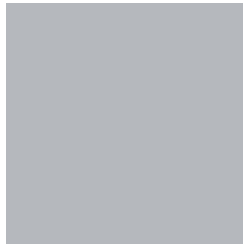
14.9187, 7.5986, 4.8652



0.6164, 0.3104, 0.3590

Previews

White Background



This preview shows how the XYZ color 45.3819, 47.7789, 54.9745 looks on a white background.

Color Contrast Check

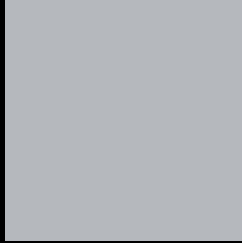
Large Text (above 18pt) WCAG AA × Fail

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 45.3819, 47.7789, 54.9745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

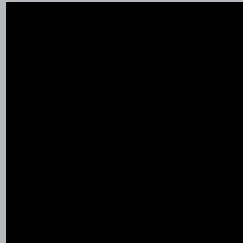
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3819, 47.7789, 54.9745

Background



This preview shows how black text looks on a background with the XYZ color 45.3819, 47.7789, 54.9745.

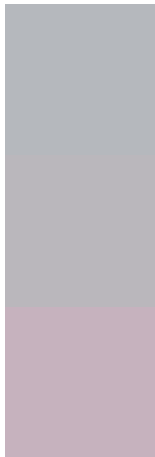


This preview shows how white text looks on a background with the XYZ color 45.3819, 47.7789,

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

45.3819, 47.7789, 54.9745

Protanopia

46.2603, 47.9369, 54.3915

Deuteranopia

48.5034, 47.5643, 55.3396



Tritanopia

46.3029, 47.8433, 59.6176

Trichromacy



Original Color

45.3819, 47.7789, 54.9745

Protanomaly

45.7778, 47.6882, 54.3689

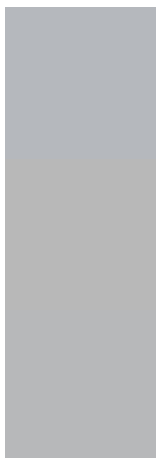
Deuteranomaly

47.3537, 47.5667, 55.4007

Tritanomaly

45.9625, 47.7071, 57.8248

Monochromacy



Original Color

45.3819, 47.7789, 54.9745

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.5319, 47.8934, 53.2989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3819, 47.7789, 54.9745 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(181, 184, 189)` looks like.

```
.text, #text, p{  
    color:rgb(181, 184, 189)  
}
```

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(181, 184, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 184, 189) }
```

Border

The CSS property to change the border of an element to XYZ 45.3819, 47.7789, 54.9745 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(181, 184, 189) }
```


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

```
.border{ border-color:rgb(181, 184, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 184, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 184, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 184, 189);  
box-shadow:4px 4px 4px 4px rgb(181, 184,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3819, 47.7789, 54.9745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 184, 189) }
```

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

```
.background{ background-color: rgb(181,  
184, 189) }
```

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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