

Converting Colors

XYZ(45.0347, 47.1768, 55.0126)

Have a look what the booklet for
XYZ(45.0347, 47.1768, 55.0126)
contains.

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Color

**XYZ(45.1748, 47.3649,
54.9055)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B7BD
RGB	181, 183, 189
RGB Percent	71%, 72%, 74%
CMY	0.2902, 0.2823, 0.2588
CMYK	0.04, 0.03, 0.00, 0.26
HSL	225°, 6%, 73%
HSV	225°, 4%, 74%
XYZ	45.1748, 47.3649, 54.9055
YIQ	183.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

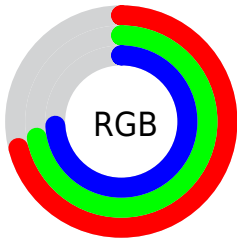
Format	Color
R _Y B	181, 183, 189
Decimal	11909053
CIE Lab	74.42, 0.45, -3.29
CIE LCh	74, 3.319, 277.780
Yxy	47.3649, 0.3064, 0.3212
Android (android.graphics.Color)	4290099133 (0xFFB5B7BD)
YUV	183.0860, 2.9156, -1.8294
Hunter-Lab	68.8222, -3.2716, 0.8747

Details

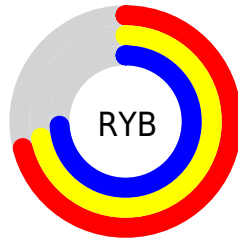
The XYZ color **45.1748, 47.3649, 54.9055** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0970, 49.6949, 50.8264**, and the grayscale version is **45.0438, 47.3896, 51.6072**.

A 20% lighter version of the original color is **82.2730, 86.3301, 98.7133**, and **21.3287, 22.3320, 26.4789** is the 20% darker color. If you saturate the color by 10%, you get **38.2641, 39.6818, 53.7875**, and if you desaturate by 10%, it is **52.9836, 55.9503, 56.1518**.

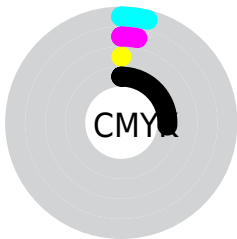
Distribution



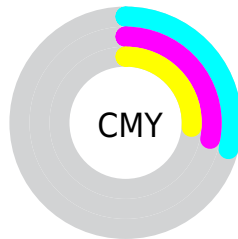
- Red (71%)
- Green (72%)
- Blue (74%)



- 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 45.1748, 47.3649, 54.9055 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 45.1748, 47.3649, 54.9055 by changing the saturation by 10% instead.

■ 45.1748, 47.3649,
54.9055

■ 45.1748, 47.3649,
54.9055

358.2528,
376.2692, 422.8255

■ 31.7970, 33.3242,
38.9280

■ 82.2181, 86.2580,
98.8722

■ 21.3613, 22.3749,
26.3963

106.6143,
111.8793, 127.6986

■ 13.5023, 14.1327,
16.8919

135.4140,
142.1295, 161.6449

■ 7.8547, 8.2130,
9.9963

168.9826,
177.3931, 201.1297

■ 4.0531, 4.2315,
5.2909

207.6855,
218.0545, 246.5717

■ 1.7322, 1.8039,
2.3573

251.8879,

■ 0.4763, 0.4896,

264.4980, 298.3893

0.7630

301.9552,
317.1081, 357.0010

■ 0.0000, 0.0000,
0.0000

■ 45.1748, 47.3649,
54.9055

■ 45.1748, 47.3649,
54.9055

■ 38.2641, 39.6818,
53.7875

■ 52.9836, 55.9503,
56.1518

■ 32.2146, 32.8651,
52.7906

■ 61.7174, 65.4601,
57.5271

■ 26.9931, 26.8856,
51.9116

■ 71.4070, 75.9235,
59.0360

■ 22.5624, 21.7099,
51.1461

■ 81.4889, 87.0612,
60.6544

■ 18.8825, 17.3025,
50.4894

■ 85.8160, 95.7152,
62.0967

■ 15.9096, 13.6249,
49.9362

■ 86.1854, 96.4542,
62.2199

■ 13.5954, 10.6351,
49.4811

■ 11.8847, 8.2864,
49.1179

■ 10.7124, 6.5251,
48.8397

Harmonies

Analogous

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



44.5853, 47.3649, 54.6824



45.1748, 47.3649, 54.9055



45.7273, 47.3649, 54.2200

Triad

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



45.1748, 47.3649, 54.9055



45.9342, 47.3649, 49.5804



43.9625, 47.3649, 50.3366

Complementary

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



45.1748, 47.3649, 54.9055



47.0970, 49.6949, 50.8264

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.



44.3179, 47.3649, 49.0123



45.1748, 47.3649, 54.9055



45.4553, 47.3649, 48.5825

Square

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



45.1748, 47.3649, 54.9055



46.1682, 47.3649, 51.1277



44.8634, 47.3649, 48.3769



43.8889, 47.3649, 52.0195

Rectangle

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



45.1748, 47.3649, 54.9055



45.9990, 47.3649, 53.3487



44.8634, 47.3649, 48.3769



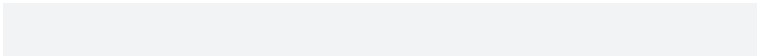
44.0528, 47.3649, 49.8358

Sweetspot

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



45.1762, 47.3669, 54.9065



85.2299, 89.6002, 99.0287



46.2097, 49.8018, 54.1168



18.3437, 19.2851, 21.2981



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.



45.1762, 47.3669, 54.9065



79.7994, 83.6055, 98.1578



45.2065, 46.7734, 54.7904



9.7913, 10.2533, 12.1352



6.9254, 3.9625, 32.7927



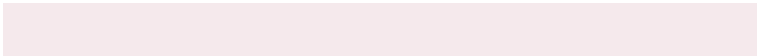
0.3253, 0.2632, 1.3025

Inverse Universe

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



46.0584, 47.2862, 51.5019



81.6869, 83.4399, 90.8720



47.0649, 50.3138, 50.9475



10.0486, 10.2313, 11.1419



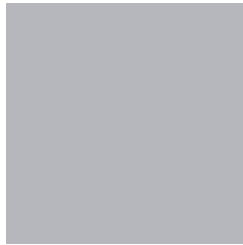
14.4964, 7.4297, 2.6416



0.5951, 0.3019, 0.2470

Previews

White Background



This preview shows how the XYZ color 45.1748, 47.3649, 54.9055 looks on a white background.

Color Contrast Check

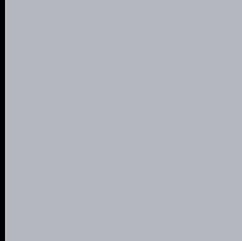
Large Text (above 18pt) WCAG AA × Fail

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 45.1748, 47.3649, 54.9055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

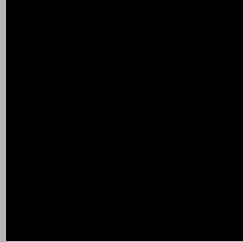
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1748, 47.3649, 54.9055

Background



This preview shows how black text looks on a background with the XYZ color 45.1748, 47.3649, 54.9055.

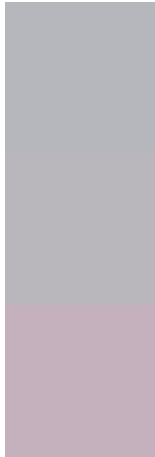


This preview shows how white text looks on a background with the XYZ color 45.1748, 47.3649,

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

45.1748, 47.3649, 54.9055

Protanopia

45.8126, 47.4010, 54.3117

Deuteranopia

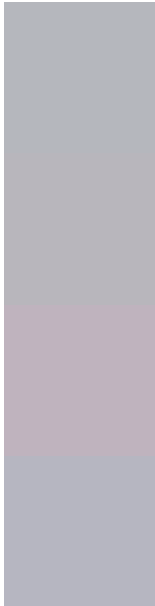
48.0424, 47.0323, 55.2612



Tritanopia

45.9832, 47.3865, 58.9475

Trichromacy



Original Color

45.1748, 47.3649, 54.9055

Protanomaly

45.5722, 47.2771, 54.3004

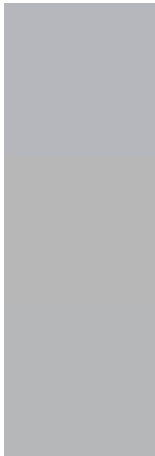
Deuteranomaly

46.9002, 47.0343, 55.3218

Tritanomaly

45.6450, 47.2512, 57.1667

Monochromacy



Original Color

45.1748, 47.3649, 54.9055

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.9818, 47.3148, 52.6608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1748, 47.3649, 54.9055 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, 183, 189)` looks like.

```
.text, #text, p{  
    color:rgb(181, 183, 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, 183, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 183, 189) }
```

Border

The CSS property to change the border of an element to XYZ 45.1748, 47.3649, 54.9055 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, 183, 189) }
```


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

```
.border{ border-color:rgb(181, 183, 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, 183, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 183, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 183, 189);  
box-shadow:4px 4px 4px 4px rgb(181, 183,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1748, 47.3649, 54.9055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 183, 189) }
```

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

```
.background{ background-color: rgb(181,  
183, 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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