

Converting Colors

XYZ(45.5441, 47.8148, 54.7838)

Have a look what the booklet for
XYZ(45.5441, 47.8148, 54.7838)
contains.

XYZ(45.6172, 47.9002, 54.9855)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.6172, 47.9002,
54.9855)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B8BD
RGB	182, 184, 189
RGB Percent	71%, 72%, 74%
CMY	0.2863, 0.2784, 0.2588
CMYK	0.04, 0.03, 0.00, 0.26
HSL	223°, 5%, 73%
HSV	223°, 4%, 74%
XYZ	45.6172, 47.9002, 54.9855
YIQ	183.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

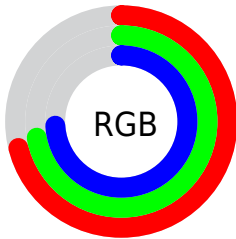
Format	Color
R _Y B	182, 184, 189
Decimal	11974845
CIE Lab	74.76, 0.26, -2.78
CIE LCh	75, 2.793, 275.263
Yxy	47.9002, 0.3072, 0.3226
Android (android.graphics.Color)	4290164925 (0xFFB6B8BD)
YUV	183.9720, 2.4788, -1.7294
Hunter-Lab	69.2100, -3.4658, 1.3426

Details

The XYZ color **45.6172, 47.9002, 54.9855** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2002, 49.7363, 51.3690**, and the grayscale version is **45.5335, 47.9048, 52.1683**.

A 20% lighter version of the original color is **82.9014, 87.0899, 98.8269**, and **21.6135, 22.6773, 26.5306** is the 20% darker color. If you saturate the color by 10%, you get **38.7815, 40.4135, 53.9014**, and if you desaturate by 10%, it is **53.3255, 56.2362, 56.1890**.

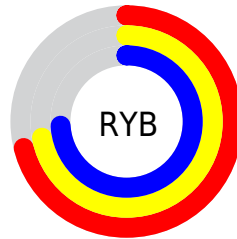
Distribution



Red (71%)

Green (72%)

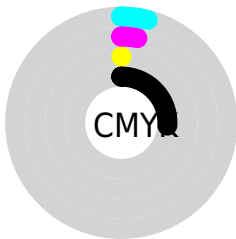
Blue (74%)



Red (71%)

Yellow (72%)

Blue (74%)

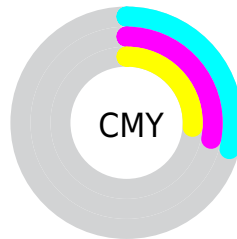


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (26%)



Cyan (29%)

Magenta (28%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.6172, 47.9002, 54.9855 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 45.6172, 47.9002, 54.9855 by changing the saturation by 10% instead.

■ 45.6172, 47.9002,
54.9855

■ 45.6172, 47.9002,
54.9855

360.0093,
378.3964, 423.1374

■ 32.1472, 33.7479,
38.9916

■ 82.8772, 87.0558,
98.9906

■ 21.6300, 22.7000,
26.4454

107.3979,
112.8278, 127.8390

■ 13.7004, 14.3721,
16.9284

136.3329,
143.2419, 161.8092

■ 7.9929, 8.3799,
10.0220

170.0475,
178.6824, 201.3198

■ 4.1422, 4.3390,
5.3078

208.9071,
219.5337, 246.7894

■ 1.7829, 1.8649,
2.3671

253.2770,

■ 0.5073, 0.5272,

266.1802, 298.6365

0.7684

303.5226,
319.0063, 357.2796

■ 0.0000, 0.0000,
0.0000

■ 45.6172, 47.9002,
54.9855

■ 45.6172, 47.9002,
54.9855

■ 38.7815, 40.4135,
53.9014

■ 53.3255, 56.2362,
56.1890

■ 32.7827, 33.7426,
52.9300

■ 61.9319, 65.4414,
57.5121

■ 27.5890, 27.8611,
52.0685

■ 71.4661, 75.5425,
58.9593

■ 23.1647, 22.7382,
51.3129

■ 80.9916, 86.0665,
60.4886

■ 19.4713, 18.3416,
50.6589

■ 85.0674, 94.2182,
61.8472

■ 16.4671, 14.6361,
50.1020

■ 86.1854, 96.4542,
62.2199

■ 14.1055, 11.5834,
49.6372

■ 12.3338, 9.1410,
49.2592

■ 11.0900, 7.2602,
48.9617

Harmonies

Analogous

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



45.1209, 47.9002, 54.7327



45.6172, 47.9002, 54.9855



46.0929, 47.9002, 54.4686

Triad

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



45.6172, 47.9002, 54.9855



46.3285, 47.9002, 50.5596



44.6479, 47.9002, 50.9954

Complementary

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



45.6172, 47.9002, 54.9855



47.2002, 49.7363, 51.3690

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.



44.9671, 47.9002, 49.9082



45.6172, 47.9002, 54.9855



45.9369, 47.9002, 49.6599

Square

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



45.6172, 47.9002, 54.9855



46.5055, 47.9002, 51.8994



45.4383, 47.9002, 49.4237



44.5637, 47.9002, 52.4117

Rectangle

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



45.6172, 47.9002, 54.9855



46.3337, 47.9002, 53.7625



45.4383, 47.9002, 49.4237



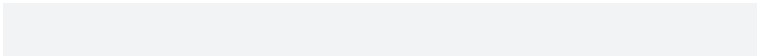
44.7311, 47.9002, 50.5802

Sweetspot

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



45.6186, 47.9022, 54.9866



85.2561, 89.6526, 99.0374



46.4487, 49.9246, 54.1466



18.3490, 19.2958, 21.2999



90.7827, 95.5105, 104.0109



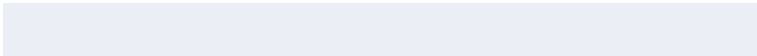
18.6292, 19.5994, 21.3438

Same Dimension

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



45.6186, 47.9022, 54.9866



81.2338, 85.2824, 98.4059



45.5377, 47.2472, 54.8644



9.9565, 10.4489, 12.1643



7.1278, 4.3673, 32.8602



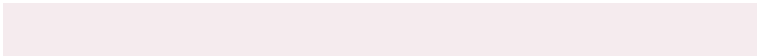
0.3371, 0.2869, 1.3065

Inverse Universe

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



46.3670, 47.7363, 52.1201



82.7018, 84.9597, 92.7827



47.2825, 50.4140, 51.4955



10.1649, 10.4037, 11.3659



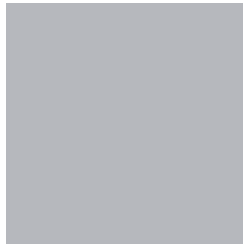
14.5986, 7.4706, 3.1796



0.6011, 0.3043, 0.2785

Previews

White Background



This preview shows how the XYZ color 45.6172, 47.9002, 54.9855 looks on a white background.

Color Contrast Check

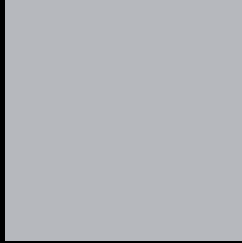
Large Text (above 18pt) WCAG AA × Fail

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 45.6172, 47.9002, 54.9855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

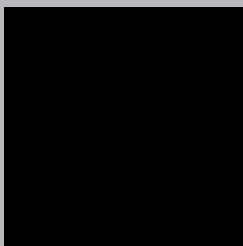
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

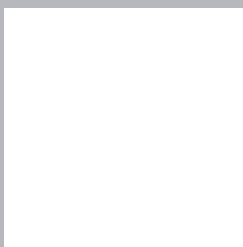
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.6172, 47.9002, 54.9855

Background



This preview shows how black text looks on a background with the XYZ color 45.6172, 47.9002, 54.9855.



This preview shows how white text looks on a background with the XYZ color 45.6172, 47.9002,

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

45.6172, 47.9002, 54.9855

Protanopia

46.2603, 47.9369, 54.3915

Deuteranopia

48.7678, 47.7006, 55.3520



Tritanopia

46.5400, 47.9655, 59.6287

Trichromacy



Original Color

45.6172, 47.9002, 54.9855

Protanomaly

46.0182, 47.8121, 54.3802

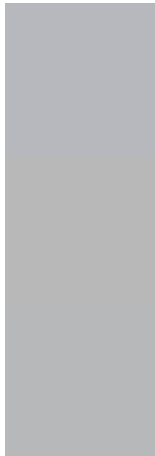
Deuteranomaly

47.6078, 47.6977, 55.4126

Tritanomaly

46.1995, 47.8293, 57.8359

Monochromacy



Original Color

45.6172, 47.9002, 54.9855

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 45.6172, 47.9002, 54.9855 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(182, 184, 189) looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 184, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 184, 189) }
```

Border

The CSS property to change the border of an element to XYZ 45.6172, 47.9002, 54.9855 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(182, 184, 189) }
```


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

```
.border{ border-color:rgb(182, 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(182, 184, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 184, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 184, 189);  
box-shadow:4px 4px 4px 4px rgb(182, 184,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6172, 47.9002, 54.9855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 184, 189) }
```

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

```
.background{ background-color: rgb(182,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor