

Converting Colors

XYZ(45.8917, 47.3227, 54.2936)

Have a look what the booklet for
XYZ(45.8917, 47.3227, 54.2936)
contains.

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Color

**XYZ(46.0547, 47.5258,
54.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB6BC
RGB	186, 182, 188
RGB Percent	73%, 71%, 74%
CMY	0.2706, 0.2863, 0.2627
CMYK	0.01, 0.03, 0.00, 0.26
HSL	280°, 4%, 73%
HSV	280°, 3%, 74%
XYZ	46.0547, 47.5258, 54.3230
YIQ	183.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

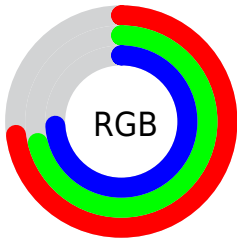
Format	Color
R_{YB}	186, 182, 188
Decimal	12236476
CIE _{Lab}	74.52, 2.53, -2.55
CIE _{LCh}	75, 3.587, 314.753
Yxy	47.5258, 0.3114, 0.3213
Android (android.graphics.Color)	4290426556 (0xFFBAB6BC)
YUV	183.8800, 2.0312, 1.8592
Hunter-Lab	68.9390, -1.3962, 1.5375

Details

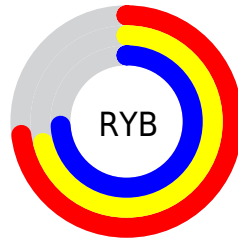
The XYZ color **46.0547, 47.5258, 54.3230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1957, 49.5355, 51.3849**, and the grayscale version is **45.4838, 47.8525, 52.1114**.

A 20% lighter version of the original color is **83.5216, 86.5580, 97.8932**, and **21.8963, 22.4363, 26.0983** is the 20% darker color. If you saturate the color by 10%, you get **40.9705, 39.5689, 53.0558**, and if you desaturate by 10%, it is **51.7254, 56.5550, 55.7677**.

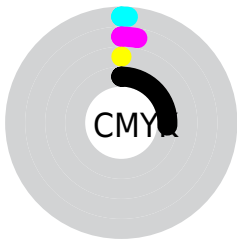
Distribution



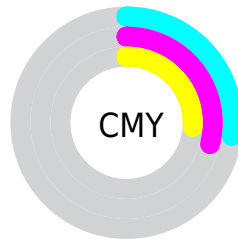
- Red (73%)
- Green (71%)
- Blue (74%)



- Red (73%)
- Yellow (71%)
- Blue (74%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (27%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0547, 47.5258, 54.3230 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 46.0547, 47.5258, 54.3230 by changing the saturation by 10% instead.

■ 46.0547, 47.5258,
54.3230

■ 46.0547, 47.5258,
54.3230

361.7408,
376.9094, 420.5499

■ 32.4938, 33.4515,
38.4650

■ 83.5282, 86.4979,
98.0095

■ 21.8963, 22.4726,
26.0392

108.1715,
112.1646, 126.6751

■ 13.8969, 14.2045,
16.6269

137.2397,
142.4642, 160.4470

■ 8.1302, 8.2631,
9.8097

171.0981,
177.7810, 199.7438

■ 4.2309, 4.2637,
5.1690

210.1120,
218.4996, 244.9839

■ 1.8336, 1.8222,
2.2863

254.6469,

■ 0.5378, 0.5009,

265.0042, 296.5859

0.7235

305.0680,
317.6794, 354.9684

■ 0.0000, 0.0000,
0.0000

■ 46.0547, 47.5258,
54.3230

■ 46.0547, 47.5258,
54.3230

■ 40.9705, 39.5689,
53.0558

■ 51.7254, 56.5550,
55.7677

■ 36.4474, 32.6369,
51.9562

■ 57.9986, 66.6895,
57.3932

■ 32.4641, 26.6877,
51.0179

■ 64.8948, 77.9684,
59.2067

■ 28.9963, 21.6742,
50.2329

■ 71.7249, 89.0120,
60.9784

■ 26.0176, 17.5449,
49.5929

■ 73.5576, 89.9568,
61.0642

■ 23.4993, 14.2435,
49.0884

■ 75.4611, 90.9381,
61.1532

■ 21.4091, 11.7071,
48.7090

■ 77.4363, 91.9563,
61.2457

■ 19.7102, 9.8634,
48.4426

■ 79.4838, 93.0119,
61.3415

■ 18.3584, 8.6255,
48.2749

■ 81.6045, 94.1051,
61.4407

Harmonies

Analogous

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



45.4899, 47.5258, 55.2753



46.0547, 47.5258, 54.3230



46.3846, 47.5258, 52.6916

Triad

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



46.0547, 47.5258, 54.3230



45.5003, 47.5258, 48.3808



43.9777, 47.5258, 52.6615

Complementary

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



46.0547, 47.5258, 54.3230



46.1957, 49.5355, 51.3849

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.



43.9804, 47.5258, 50.8148



46.0547, 47.5258, 54.3230



44.8553, 47.5258, 48.3732

Square

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



46.0547, 47.5258, 54.3230



46.0624, 47.5258, 49.2758



44.3003, 47.5258, 49.2548



44.2928, 47.5258, 54.3005

Rectangle

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



46.0547, 47.5258, 54.3230



46.4249, 47.5258, 51.4524



44.3003, 47.5258, 49.2548



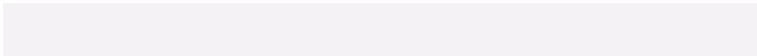
43.9416, 47.5258, 52.0437

Sweetspot

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



46.0561, 47.5278, 54.3240



85.6104, 89.5245, 98.9940



45.5316, 47.9004, 54.4236



18.4213, 19.2696, 21.2911



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.



46.0561, 47.5278, 54.3240



82.6198, 84.7965, 98.2390



46.4487, 47.7414, 53.8377



10.1530, 10.3804, 12.1407



12.0493, 5.4977, 32.8190



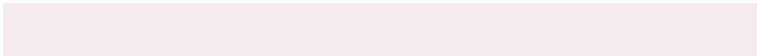
0.5387, 0.2497, 1.2887

Inverse Universe

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



46.1204, 47.6101, 52.1087



82.7700, 84.9869, 93.1417



45.8132, 49.3275, 51.8539



10.1745, 10.4076, 11.4168



14.7567, 7.5338, 4.0122



0.6090, 0.3075, 0.3203

Previews

White Background



This preview shows how the XYZ color 46.0547, 47.5258, 54.3230 looks on a white background.

Color Contrast Check

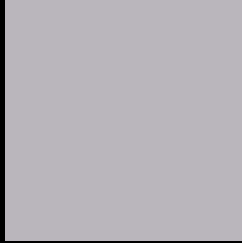
Large Text (above 18pt) WCAG AA × Fail

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 46.0547, 47.5258, 54.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

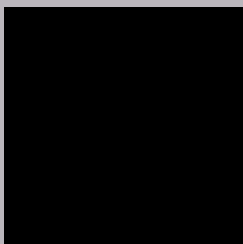
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

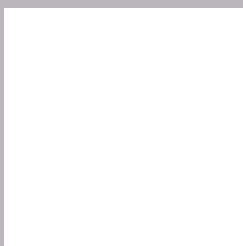
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.0547, 47.5258, 54.3230

Background



This preview shows how black text looks on a background with the XYZ color 46.0547, 47.5258, 54.3230.



This preview shows how white text looks on a background with the XYZ color 46.0547, 47.5258,

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

46.0547, 47.5258, 54.3230

Protanopia

45.8126, 47.4010, 54.3117

Deuteranopia

48.3944, 47.5207, 54.7659



Tritanopia

46.8677, 47.5527, 58.3381

Trichromacy



Original Color

46.0547, 47.5258, 54.3230

Protanomaly

45.8126, 47.4010, 54.3117

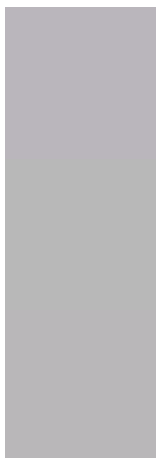
Deuteranomaly

47.5535, 47.3837, 54.7837

Tritanomaly

46.5318, 47.4183, 56.5693

Monochromacy



Original Color

46.0547, 47.5258, 54.3230

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.6980, 47.6840, 52.6943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0547, 47.5258, 54.3230 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(186, 182, 188)` looks like.

```
.text, #text, p{  
    color:rgb(186, 182, 188)  
}
```

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(186, 182, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 182, 188) }
```

Border

The CSS property to change the border of an element to XYZ 46.0547, 47.5258, 54.3230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

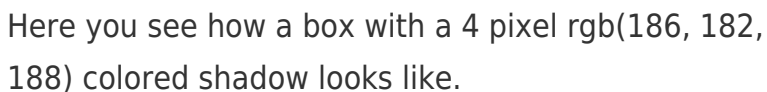
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 182, 188) }
```


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

```
.border{ border-color:rgb(186, 182, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 182, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 182, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 182, 188); box-shadow:4px 4px 4px 4px rgb(186, 182, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0547, 47.5258, 54.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 182, 188) }
```

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

```
.background{ background-color: rgb(186,  
182, 188) }
```

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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