

Converting Colors

XYZ(45.9066, 48.9402, 53.7605)

Have a look what the booklet for
XYZ(45.9066, 48.9402, 53.7605)
contains.

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Color

**XYZ(46.0314, 49.0736,
54.0597)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BBBB
RGB	182, 187, 187
RGB Percent	71%, 73%, 73%
CMY	0.2863, 0.2666, 0.2667
CMYK	0.03, 0.00, 0.00, 0.27
HSL	180°, 4%, 72%
HSV	180°, 3%, 73%
XYZ	46.0314, 49.0736, 54.0597
YIQ	185.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

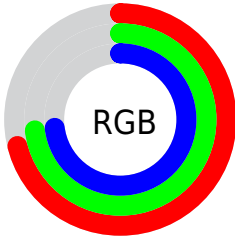
Format	Color
RYB	182, 185, 187
Decimal	11975611
CIELab	75.50, -1.73, -0.61
CIELCh	75, 1.837, 199.543
Yxy	49.0736, 0.3086, 0.3290
Android (android.graphics.Color)	4290165691 (0xFFB6BBBB)
YUV	185.5050, 0.7370, -3.0739
Hunter-Lab	70.0526, -5.3000, 3.2826

Details

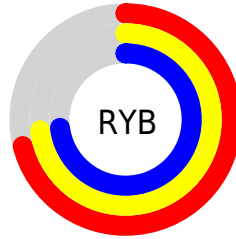
The XYZ color **46.0314, 49.0736, 54.0597** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6668, 47.3995, 51.0006**, and the grayscale version is **46.3938, 48.8099, 53.1540**.

A 20% lighter version of the original color is **83.4881, 88.7494, 97.5241**, and **21.8814, 23.4386, 25.9251** is the 20% darker color. If you saturate the color by 10%, you get **41.9058, 46.9483, 53.8610**, and if you desaturate by 10%, it is **50.7496, 51.5072, 54.2881**.

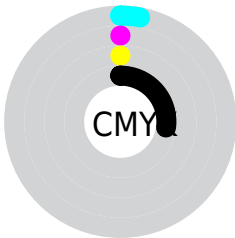
Distribution



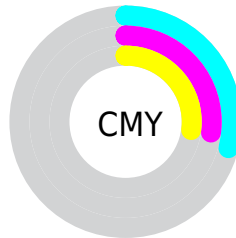
- Red (71%)
- Green (73%)
- Blue (73%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0314, 49.0736, 54.0597 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 46.0314, 49.0736, 54.0597 by changing the saturation by 10% instead.

■ 46.0314, 49.0736,
54.0597

■ 46.0314, 49.0736,
54.0597

361.6487,
383.0320, 419.5187

■ 32.4753, 34.6779,
38.2559

■ 83.4936, 88.8008,
97.6192

■ 21.8821, 23.4148,
25.8780

108.1304,
114.9010, 126.2119

■ 13.8864, 14.9001,
16.5074

137.1915,
145.6715, 159.9048

■ 8.1229, 8.7493,
9.7257

171.0422,
181.4966, 199.1162

■ 4.2262, 4.5780,
5.1143

210.0479,
222.7609, 244.2647

■ 1.8309, 2.0019,
2.2545

254.5740,

■ 0.5362, 0.6086,

269.8486, 295.7690

0.7056

304.9858,
323.1442, 354.0474

■ 0.0000, 0.0000,
0.0000

■ 46.0314, 49.0736,
54.0597

■ 46.0314, 49.0736,
54.0597

■ 41.9058, 46.9483,
53.8610

■ 50.7496, 51.5072,
54.2881

■ 38.3453, 45.1129,
53.6878

■ 56.0782, 54.2540,
54.5441

■ 35.3267, 43.5569,
53.5399

■ 62.0393, 57.3269,
54.8297

■ 32.8234, 42.2666,
53.4162

■ 67.9861, 60.3925,
55.1146

■ 30.8066, 41.2271,
53.3152

■ 67.9874, 60.3930,
55.1213

■ 29.2447, 40.4220,
53.2355

■ 67.9886, 60.3935,
55.1279

■ 28.1024, 39.8333,
53.1754

■ 67.9899, 60.3940,
55.1346

■ 27.3390, 39.4399,
53.1331

■ 67.9912, 60.3945,
55.1413

■ 26.9061, 39.2168,
53.1062

■ 67.9924, 60.3950,
55.1479

Harmonies

Analogous

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



46.0049, 49.0736, 53.0947



46.0314, 49.0736, 54.0597



46.2213, 49.0736, 54.8658

Triad

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



46.0314, 49.0736, 54.0597



47.1407, 49.0736, 54.6533



46.7614, 49.0736, 51.6180

Complementary

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



46.0314, 49.0736, 54.0597



45.6668, 47.3995, 51.0006

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.



47.0672, 49.0736, 52.0249



46.0314, 49.0736, 54.0597



47.2869, 49.0736, 53.7724

Square

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



46.0314, 49.0736, 54.0597



46.8614, 49.0736, 55.2114



47.2600, 49.0736, 52.8108



46.4253, 49.0736, 51.6928

Rectangle

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



46.0314, 49.0736, 54.0597



46.4155, 49.0736, 55.2010



47.2600, 49.0736, 52.8108



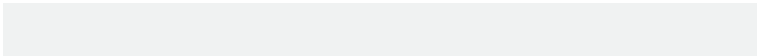
46.8712, 49.0736, 51.7028

Sweetspot

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



46.0328, 49.0757, 54.0608



83.7676, 88.5740, 96.8817



45.5264, 48.8754, 51.2912



18.4562, 19.5102, 21.3354



90.7827, 95.5105, 104.0109



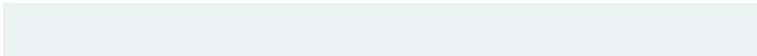
18.6292, 19.5994, 21.3438

Same Dimension

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



46.0328, 49.0757, 54.0608



82.1457, 87.7379, 96.8034



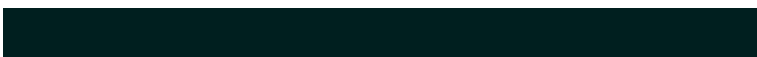
45.5244, 48.0584, 53.8930



10.3426, 11.0849, 12.2661



18.4155, 26.9565, 36.5803



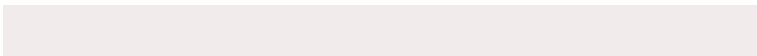
0.7214, 1.0559, 1.4333

Inverse Universe

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



45.6668, 47.3995, 51.0006



81.4007, 84.3256, 90.5737



46.1660, 48.3984, 51.1654



10.2272, 10.5562, 11.3010



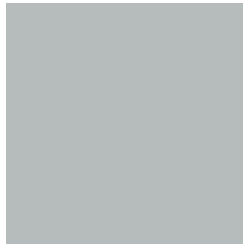
14.1208, 7.2795, 0.6637



0.5532, 0.2852, 0.0264

Previews

White Background



This preview shows how the XYZ color 46.0314, 49.0736, 54.0597 looks on a white background.

Color Contrast Check

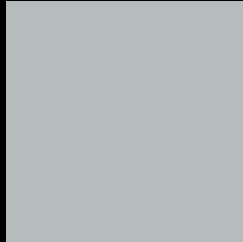
Large Text (above 18pt) WCAG AA × Fail

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 46.0314, 49.0736, 54.0597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

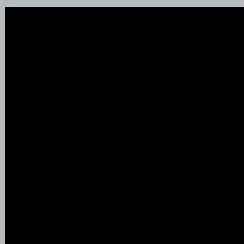
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

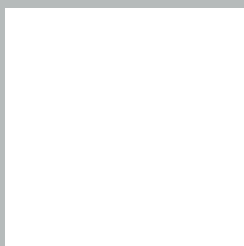
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.0314, 49.0736, 54.0597

Background



This preview shows how black text looks on a background with the XYZ color 46.0314, 49.0736, 54.0597.

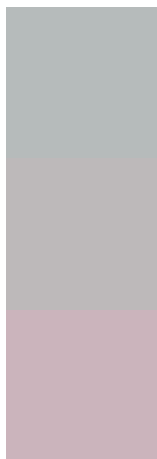


This preview shows how white text looks on a background with the XYZ color 46.0314, 49.0736,

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

46.0314, 49.0736, 54.0597

Protanopia

47.1982, 49.0619, 53.4367

Deuteranopia

50.0270, 48.9699, 54.3924



Tritanopia

47.5415, 49.0584, 61.6071

Trichromacy



Original Color

46.0314, 49.0736, 54.0597

Protanomaly

46.6715, 49.1021, 53.4722

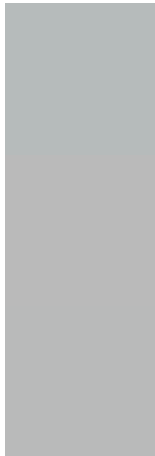
Deuteranomaly

48.5163, 49.0999, 54.4971

Tritanomaly

46.9377, 49.1252, 58.6380

Monochromacy



Original Color

46.0314, 49.0736, 54.0597

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.4294, 48.9773, 53.4608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0314, 49.0736, 54.0597 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, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(182, 187, 187)  
}
```

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, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 187, 187) }
```

Border

The CSS property to change the border of an element to XYZ 46.0314, 49.0736, 54.0597 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, 187, 187) }
```


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

```
.border{ border-color:rgb(182, 187, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 187, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 187, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 187, 187);  
box-shadow:4px 4px 4px 4px rgb(182, 187,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0314, 49.0736, 54.0597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 187, 187) }
```

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

```
.background{ background-color: rgb(182,  
187, 187) }
```

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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