

Converting Colors

XYZ(43.1966, 46.3139, 49.9732)

Have a look what the booklet for
XYZ(43.1966, 46.3139, 49.9732)
contains.

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Color

**XYZ(43.3032, 46.5094,
49.8749)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B7B4
RGB	177, 183, 180
RGB Percent	69%, 72%, 71%
CMY	0.3059, 0.2823, 0.2941
CMYK	0.03, 0.00, 0.02, 0.28
HSL	150°, 4%, 71%
HSV	150°, 3%, 72%
XYZ	43.3032, 46.5094, 49.8749
YIQ	180.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

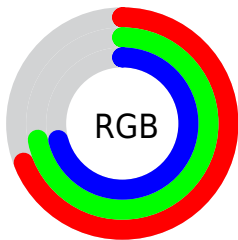
Format	Color
RYB	177, 181, 183
Decimal	11646900
CIELab	73.87, -2.65, 0.79
CIELCh	74, 2.768, 163.523
Yxy	46.5094, 0.3100, 0.3330
Android (android.graphics.Color)	4289836980 (0xFFB1B7B4)
YUV	180.8640, -0.4260, -3.3887
Hunter-Lab	68.1978, -6.0049, 4.3781

Details

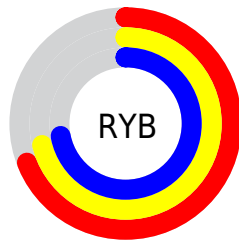
The XYZ color **43.3032, 46.5094, 49.8749** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4906, 44.8081, 49.5390**, and the grayscale version is **43.8519, 46.1356, 50.2417**.

A 20% lighter version of the original color is **79.6111, 85.1128, 91.5893**, and **20.1256, 21.7827, 23.2224** is the 20% darker color. If you saturate the color by 10%, you get **38.5093, 44.1436, 44.9422**, and if you desaturate by 10%, it is **48.7204, 49.1920, 55.1603**.

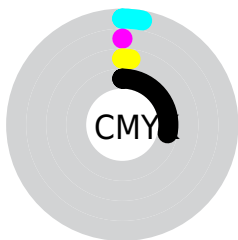
Distribution



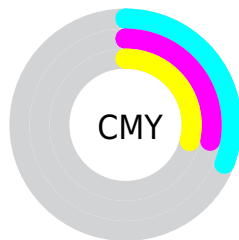
- Red (69%)
- Green (72%)
- Blue (71%)



- Red (69%)
- Yellow (71%)
- Blue (72%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3032, 46.5094, 49.8749 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 43.3032, 46.5094, 49.8749 by changing the saturation by 10% instead.

■ 43.3032, 46.5094,
49.8749

■ 43.3032, 46.5094,
49.8749

350.7576,
372.8528, 402.8976

■ 30.3186, 32.6480,
34.9435

■ 79.4211, 84.9808,
91.3839

■ 20.2298, 21.8569,
23.3362

103.2851,
110.3597, 118.7986

■ 12.6715, 13.7518,
14.6343

131.5063,
140.3464, 151.2115

■ 7.2781, 7.9482,
8.4194

164.4500,
175.3255, 189.0411

■ 3.6845, 4.0618,
4.2729

202.4817,
215.6813, 232.7059

■ 1.5253, 1.7082,
1.7762

245.9666,

■ 0.3429, 0.4290,

261.7982, 282.6246

0.4122

295.2701,
314.0605, 339.2157

■ 0.0000, 0.0000,
0.0000

■ 43.3032, 46.5094,
49.8749

■ 43.3032, 46.5094,
49.8749

■ 38.5093, 44.1436,
44.9422

■ 48.7204, 49.1920,
55.1603

■ 34.3114, 42.0768,
40.3520

■ 54.7790, 52.1967,
60.8023

■ 30.6861, 40.2983,
36.0976

■ 61.5011, 55.5361,
66.8089

■ 27.6069, 38.7946,
32.1714

■ 68.9067, 59.2204,
73.1865

■ 25.0451, 37.5511,
28.5652

■ 71.8712, 60.6075,
79.7010

■ 22.9690, 36.5516,
25.2705

■ 73.1598, 61.1230,
86.4871

■ 21.3436, 35.7782,
22.2785

■ 74.5166, 61.6657,
93.6318

■ 20.1287, 35.2104,
19.5796

■ 75.9425, 62.2360,
101.1402

■ 19.2763, 34.8235,
17.1637

■ 76.2244, 62.3488,
102.6248

Harmonies

Analogous

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



43.5563, 46.5094, 48.6982



43.3032, 46.5094, 49.8749



43.2907, 46.5094, 51.2782

Triad

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



43.3032, 46.5094, 49.8749



44.4278, 46.5094, 53.3259



44.8965, 46.5094, 48.7946

Complementary

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



43.3032, 46.5094, 49.8749



43.4906, 44.8081, 49.5390

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.



45.1337, 46.5094, 50.0088



43.3032, 46.5094, 49.8749



44.8617, 46.5094, 52.6345

Square

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



43.3032, 46.5094, 49.8749



43.9375, 46.5094, 53.2884



45.1208, 46.5094, 51.4146



44.4751, 46.5094, 48.0824

Rectangle

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



43.3032, 46.5094, 49.8749



43.4204, 46.5094, 52.1547



45.1208, 46.5094, 51.4146



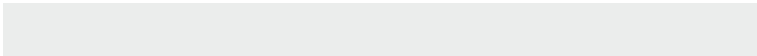
45.0006, 46.5094, 49.1566

Sweetspot

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



43.3045, 46.5114, 49.8759



79.6505, 84.3338, 91.4092



43.7167, 46.7588, 48.3169



17.6033, 18.6321, 20.2003



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



43.3045, 46.5114, 49.8759



76.8391, 82.9436, 88.6054



43.6034, 46.6310, 51.4501



9.5844, 10.3858, 11.0620



13.1787, 24.1724, 11.1291



0.4958, 0.8646, 0.5569

Inverse Universe

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



43.4906, 44.8081, 49.5390



77.2500, 79.1820, 87.8614



43.1978, 44.6910, 47.9975



9.6434, 9.8453, 10.9551



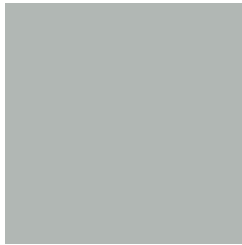
14.9919, 7.5705, 7.8442



0.5597, 0.2794, 0.4410

Previews

White Background



This preview shows how the XYZ color 43.3032, 46.5094, 49.8749 looks on a white background.

Color Contrast Check

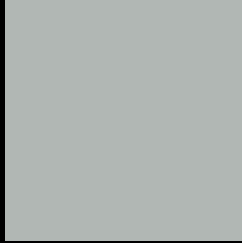
Large Text (above 18pt) WCAG AA × Fail

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 43.3032, 46.5094, 49.8749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

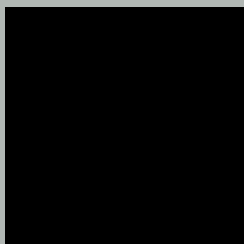
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

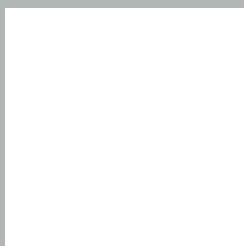
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3032, 46.5094, 49.8749

Background



This preview shows how black text looks on a background with the XYZ color 43.3032, 46.5094, 49.8749.



This preview shows how white text looks on a background with the XYZ color 43.3032, 46.5094,

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

43.3032, 46.5094, 49.8749

Protanopia

44.6681, 46.6167, 49.2915

Deuteranopia

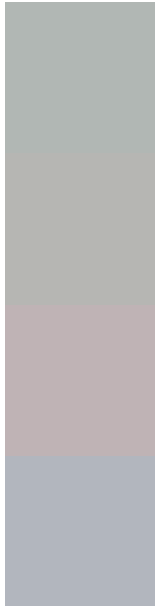
47.4190, 46.5290, 50.1978



Tritanopia

44.9646, 46.5716, 58.2491

Trichromacy



Original Color

43.3032, 46.5094, 49.8749

Protanomaly

44.1560, 46.6557, 49.3260

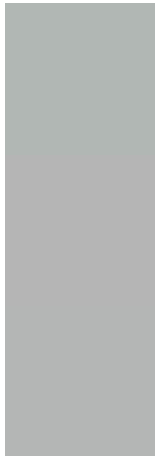
Deuteranomaly

45.9464, 46.6528, 50.2993

Tritanomaly

44.3823, 46.6386, 55.3781

Monochromacy



Original Color

43.3032, 46.5094, 49.8749

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.8908, 46.4954, 50.3773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3032, 46.5094, 49.8749 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(177, 183, 180)` looks like.

```
.text, #text, p{  
    color:rgb(177, 183, 180)  
}
```

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(177, 183, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 183, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.3032, 46.5094, 49.8749 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(177, 183, 180) }
```


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

```
.border{ border-color:rgb(177, 183, 180) }
```

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

Here you see how a box with a 4 pixel rgb(177, 183, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 183, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 183, 180);  
box-shadow:4px 4px 4px 4px rgb(177, 183,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3032, 46.5094, 49.8749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 183, 180) }
```

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

```
.background{ background-color: rgb(177,  
183, 180) }
```

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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