

Converting Colors

XYZ(43.4177, 45.9844, 49.3625)

Have a look what the booklet for
XYZ(43.4177, 45.9844, 49.3625)
contains.

XYZ(43.4829, 46.0057, 49.2360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(43.4829, 46.0057,
49.2360)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B5B3
RGB	180, 181, 179
RGB Percent	71%, 71%, 70%
CMY	0.2941, 0.2902, 0.2980
CMYK	0.01, 0.00, 0.01, 0.29
HSL	90°, 1%, 71%
HSV	90°, 1%, 71%
XYZ	43.4829, 46.0057, 49.2360
YIQ	180.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

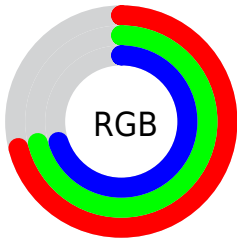
Format	Color
R _Y B	179, 181, 180
Decimal	11842995
CIE Lab	73.55, -0.72, 0.88
CIE LCh	74, 1.141, 129.121
Yxy	46.0057, 0.3134, 0.3316
Android (android.graphics.Color)	4290033075 (0xFFB4B5B3)
YUV	180.4730, -0.7262, -0.4148
Hunter-Lab	67.8275, -4.2652, 4.4406

Details

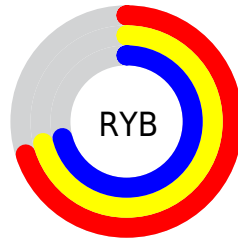
The XYZ color **43.4829, 46.0057, 49.2360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.2848, 45.2809, 50.1772**, and the grayscale version is **43.6415, 45.9143, 50.0006**.

A 20% lighter version of the original color is **79.8717, 84.3994, 90.6783**, and **20.2375, 21.4567, 22.8136** is the 20% darker color. If you saturate the color by 10%, you get **39.7293, 44.2698, 40.1233**, and if you desaturate by 10%, it is **47.6176, 47.9129, 59.6228**.

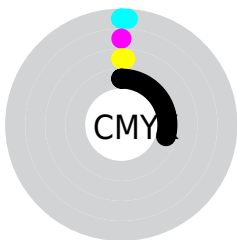
Distribution



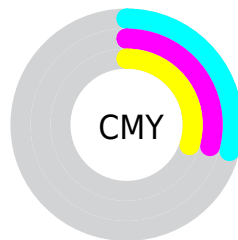
- Red (71%)
- Green (71%)
- Blue (70%)



- Red (70%)
- Yellow (71%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4829, 46.0057, 49.2360 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 43.4829, 46.0057, 49.2360 by changing the saturation by 10% instead.

■ 43.4829, 46.0057,
49.2360

■ 43.4829, 46.0057,
49.2360

351.4819,
370.8316, 400.3198

■ 30.4604, 32.2503,
34.4398

■ 79.6902, 84.2275,
90.4265

■ 20.3381, 21.5528,
22.9516

103.6058,
109.4628, 117.6578

■ 12.7507, 13.5287,
14.3528

131.8830,
139.2934, 149.8713

■ 7.3329, 7.7936,
8.2249

164.8872,
174.1039, 187.4855

■ 3.7193, 3.9631,
4.1494

202.9839,
214.2785, 230.9189

■ 1.5446, 1.6530,
1.7076

246.5383,

■ 0.3559, 0.3929,

260.2017, 280.5901

0.3660

295.9159,
312.2580, 336.9175

■ 0.0000, 0.0000,
0.0000

■ 43.4829, 46.0057,
49.2360

■ 43.4829, 46.0057,
49.2360

■ 39.7293, 44.2698,
40.1233

■ 47.6176, 47.9129,
59.6228

■ 36.3409, 42.6941,
32.2328

■ 52.1408, 49.9904,
71.3272

■ 33.3064, 41.2754,
25.5132

■ 57.0646, 52.2445,
84.3942

■ 30.6126, 40.0079,
19.9086

■ 62.3994, 54.6800,
98.8657

■ 28.2450, 38.8857,
15.3583

■ 65.7310, 56.3311,
102.0163

■ 26.1881, 37.9020,
11.7961

■ 68.6389, 57.8302,
102.1524

■ 24.4247, 37.0497,
9.1481

■ 71.6993, 59.4079,
102.2957

■ 22.9358, 36.3209,
7.3302

■ 74.9144, 61.0654,
102.4461

■ 21.6991, 35.7061,
6.2423

■ 75.8148, 61.5295,
102.4883

Harmonies

Analogous

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



43.6656, 46.0057, 49.0042



43.4829, 46.0057, 49.2360



43.3658, 46.0057, 49.6978

Triad

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



43.4829, 46.0057, 49.2360



43.5890, 46.0057, 51.1369



44.1109, 46.0057, 49.9166

Complementary

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



43.4829, 46.0057, 49.2360



43.2848, 45.2809, 50.1772

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.



44.0902, 46.0057, 50.4891



43.4829, 46.0057, 49.2360



43.7885, 46.0057, 51.1966

Square

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



43.4829, 46.0057, 49.2360



43.4270, 46.0057, 50.7962



43.9721, 46.0057, 50.9586



44.0285, 46.0057, 49.3951

Rectangle

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



43.4829, 46.0057, 49.2360



43.3406, 46.0057, 50.0754



43.9721, 46.0057, 50.9586



44.1158, 46.0057, 50.1094

Sweetspot

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



43.4842, 46.0077, 49.2370



78.6606, 82.7571, 90.1225



43.5157, 45.7227, 49.1803



17.0014, 17.8868, 19.4787



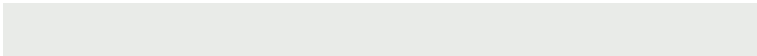
86.6293, 91.1408, 99.2523

Same Dimension

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



43.4842, 46.0077, 49.2370



77.9387, 82.4237, 88.3348



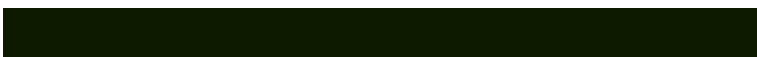
43.2523, 45.8881, 49.2261



9.4705, 10.0111, 10.7435



14.4003, 24.3337, 3.9379



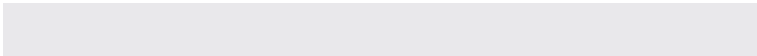
0.5204, 0.8003, 0.1271

Inverse Universe

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



43.2848, 45.2809, 50.1772



77.6104, 81.2274, 89.8825



43.5184, 45.4014, 50.1881



9.4339, 9.8780, 10.9157



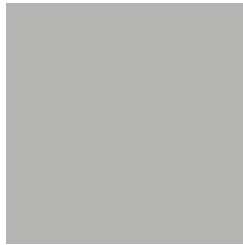
8.7815, 3.8628, 30.4198



0.3436, 0.1562, 0.9603

Previews

White Background



This preview shows how the XYZ color 43.4829, 46.0057, 49.2360 looks on a white background.

Color Contrast Check

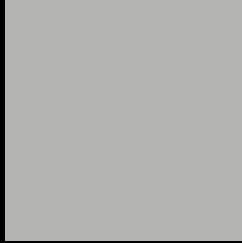
Large Text (above 18pt) WCAG AA × Fail

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 43.4829, 46.0057, 49.2360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

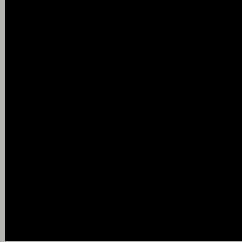
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

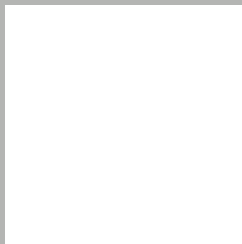
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4829, 46.0057, 49.2360

Background



This preview shows how black text looks on a background with the XYZ color 43.4829, 46.0057, 49.2360.

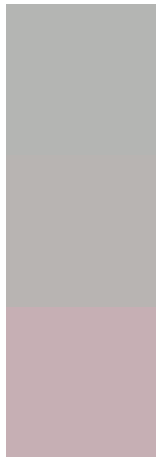


This preview shows how white text looks on a background with the XYZ color 43.4829, 46.0057,

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

43.4829, 46.0057, 49.2360

Protanopia

44.1243, 46.0472, 48.6819

Deuteranopia

46.8569, 45.9610, 49.5818



Tritanopia

45.0371, 46.0355, 56.9641

Trichromacy



Original Color

43.4829, 46.0057, 49.2360

Protanomaly

43.8856, 45.9241, 48.6707

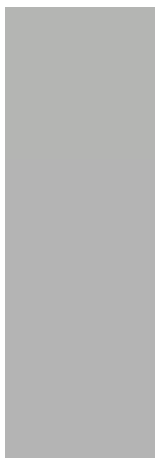
Deuteranomaly

45.4462, 45.8159, 49.6281

Tritanomaly

44.4544, 46.0971, 54.1316

Monochromacy



Original Color

43.4829, 46.0057, 49.2360

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.3819, 45.6411, 49.7032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4829, 46.0057, 49.2360 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(180, 181, 179)` looks like.

```
.text, #text, p{  
    color:rgb(180, 181, 179)  
}
```

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(180, 181, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 181, 179) }
```

Border

The CSS property to change the border of an element to XYZ 43.4829, 46.0057, 49.2360 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(180, 181, 179) }
```

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

```
.border{ border-color:rgb(180, 181, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 181, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 181, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 181, 179);  
box-shadow:4px 4px 4px 4px rgb(180, 181,  
179) }
```


Background

The CSS property to change the background color of an element to XYZ 43.4829, 46.0057, 49.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 181, 179) }
```

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

```
.background{ background-color: rgb(180,  
181, 179) }
```

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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