

Converting Colors

XYZ(42.5450, 45.7603, 49.2218)

Have a look what the booklet for
XYZ(42.5450, 45.7603, 49.2218)
contains.

XYZ(42.5438, 45.8245, 49.2505)	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(42.5438, 45.8245,
49.2505)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB6B3
RGB	175, 182, 179
RGB Percent	69%, 71%, 70%
CMY	0.3137, 0.2863, 0.2980
CMYK	0.04, 0.00, 0.02, 0.29
HSL	154°, 5%, 70%
HSV	154°, 4%, 71%
XYZ	42.5438, 45.8245, 49.2505
YIQ	179.5650, -3.2090, -2.4170

Conversions

Conversions Part 2

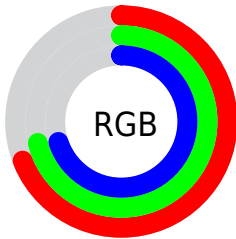
Format	Color
RYB	175, 179, 182
Decimal	11515571
CIELab	73.43, -3.01, 0.67
CIELCh	73, 3.079, 167.492
Yxy	45.8245, 0.3091, 0.3330
Android (android.graphics.Color)	4289705651 (0xFFAFB6B3)
YUV	179.5650, -0.2785, -4.0035
Hunter-Lab	67.6938, -6.2815, 4.2493

Details

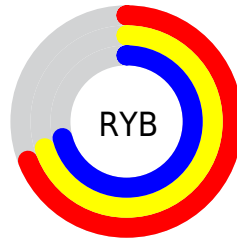
The XYZ color **42.5438, 45.8245, 49.2505** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.6589, 43.8205, 48.3315**, and the grayscale version is **43.1531, 45.4004, 49.4410**.

A 20% lighter version of the original color is **78.5249, 84.1362, 90.6985**, and **19.7845, 21.4178, 22.8300** is the 20% darker color. If you saturate the color by 10%, you get **37.9641, 43.5535, 45.0321**, and if you desaturate by 10%, it is **47.7214, 48.4012, 53.7320**.

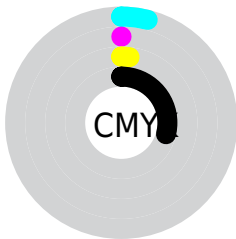
Distribution



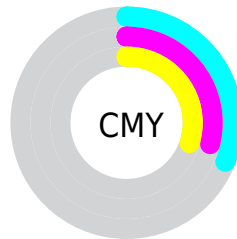
- Red (69%)
- Green (71%)
- Blue (70%)



- Red (69%)
- Yellow (70%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5438, 45.8245, 49.2505 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 42.5438, 45.8245, 49.2505 by changing the saturation by 10% instead.

■ 42.5438, 45.8245,
49.2505

■ 42.5438, 45.8245,
49.2505

347.6857,
370.1026, 400.3784

■ 29.7203, 32.1074,
34.4512

■ 78.2820, 83.9563,
90.4482

■ 19.7734, 21.4435,
22.9603

101.9274,
109.1397, 117.6838

■ 12.3377, 13.4486,
14.3592

129.9108,
138.9140, 149.9018

■ 7.0480, 7.7382,
8.2293

162.5976,
173.6636, 187.5209

■ 3.5387, 3.9279,
4.1522

200.3532,
213.7729, 230.9595

■ 1.4446, 1.6333,
1.7092

243.5428,

■ 0.2877, 0.3799,

259.6262, 280.6363

0.3670

292.5318,
311.6080, 336.9698

0.0000, 0.0000,
0.0000

42.5438, 45.8245,
49.2505

42.5438, 45.8245,
49.2505

37.9641, 43.5535,
45.0321

47.7214, 48.4012,
53.7320

33.9557, 41.5707,
41.0690

53.5145, 51.2885,
58.4783

30.4960, 39.8657,
37.3571

59.9444, 54.4989,
63.4951

27.5591, 38.4253,
33.8912

67.0306, 58.0422,
68.7868

25.1169, 37.2352,
30.6658

70.6269, 59.7809,
74.1628

■ 23.1388, 36.2796,
27.6752

■ 71.6728, 60.1992,
79.6706

■ 21.5903, 35.5409,
24.9135

■ 72.7675, 60.6371,
85.4351

■ 20.4321, 34.9988,
22.3742

■ 73.9116, 61.0947,
91.4596

■ 19.6168, 34.6291,
20.0504

■ 75.1056, 61.5724,
97.7475

Harmonies

Analogous

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



42.7899, 45.8245, 47.9025



42.5438, 45.8245, 49.2505



42.5669, 45.8245, 50.7989

Triad

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



42.5438, 45.8245, 49.2505



43.8693, 45.8245, 52.8006



44.2639, 45.8245, 47.7239

Complementary

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



42.5438, 45.8245, 49.2505



42.6589, 43.8205, 48.3315

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.



44.5579, 45.8245, 49.0020



42.5438, 45.8245, 49.2505



44.3288, 45.8245, 51.9422

Square

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



42.5438, 45.8245, 49.2505



43.3292, 45.8245, 52.8705



44.5817, 45.8245, 50.5453



43.7813, 45.8245, 47.0334

Rectangle

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



42.5438, 45.8245, 49.2505



42.7319, 45.8245, 51.7366



44.5817, 45.8245, 50.5453



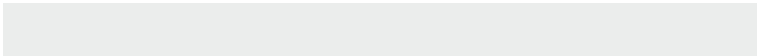
44.3882, 45.8245, 48.0978

Sweetspot

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



42.5451, 45.8265, 49.2515



79.6752, 84.3436, 91.5389



42.8351, 46.0220, 47.1836



17.6084, 18.6342, 20.2275



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.



42.5451, 45.8265, 49.2515



76.0450, 82.5398, 88.3164



42.7568, 45.7584, 50.8370



9.4962, 10.3407, 11.0434



13.6099, 24.3449, 13.3994



0.5101, 0.8704, 0.6322

Inverse Universe

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



42.6589, 43.8205, 48.3315



76.3155, 77.7735, 86.1304



42.4516, 43.8833, 46.7909



9.5335, 9.6828, 10.7417



14.6276, 7.4248, 5.9257



0.5468, 0.2742, 0.3728

Previews

White Background



This preview shows how the XYZ color 42.5438, 45.8245, 49.2505 looks on a white background.

Color Contrast Check

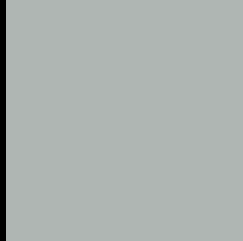
Large Text (above 18pt) WCAG AA × Fail

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 42.5438, 45.8245, 49.2505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

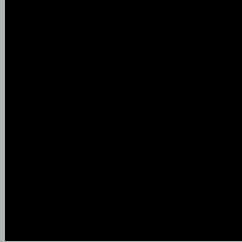
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

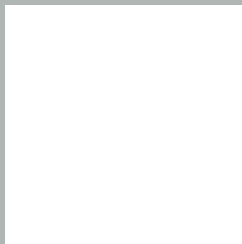
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5438, 45.8245, 49.2505

Background



This preview shows how black text looks on a background with the XYZ color 42.5438, 45.8245, 49.2505.



This preview shows how white text looks on a background with the XYZ color 42.5438, 45.8245,

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

42.5438, 45.8245, 49.2505

Protanopia

43.9231, 45.6449, 48.6148

Deuteranopia

46.5025, 45.4786, 50.0434



Tritanopia

44.1903, 45.8847, 57.5665

Trichromacy



Original Color

42.5438, 45.8245, 49.2505

Protanomaly

43.4132, 45.6806, 48.6486

Deuteranomaly

44.9466, 45.5584, 49.6047

Tritanomaly

43.6137, 45.9520, 54.7150

Monochromacy



Original Color

42.5438, 45.8245, 49.2505

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.1222, 45.8080, 49.7491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5438, 45.8245, 49.2505 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(175, 182, 179)` looks like.

```
.text, #text, p{  
    color:rgb(175, 182, 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(175, 182, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 182, 179) }
```

Border

The CSS property to change the border of an element to XYZ 42.5438, 45.8245, 49.2505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

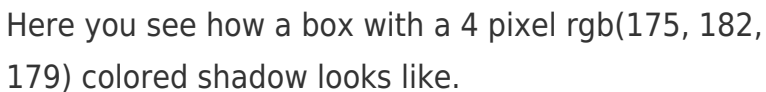
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 182, 179) }
```


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

```
.border{ border-color:rgb(175, 182, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 182, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 182, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 182, 179); box-shadow:4px 4px 4px 4px rgb(175, 182, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5438, 45.8245, 49.2505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 182, 179) }
```

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

```
.background{ background-color: rgb(175,  
182, 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](#).

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