

Converting Colors

XYZ(42.8881, 46.0963, 51.1336)

Have a look what the booklet for
XYZ(42.8881, 46.0963, 51.1336)
contains.

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Color

**XYZ(42.8506, 45.9473,
50.8662)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB6B6
RGB	175, 182, 182
RGB Percent	69%, 71%, 71%
CMY	0.3137, 0.2863, 0.2863
CMYK	0.04, 0.00, 0.00, 0.29
HSL	180°, 5%, 70%
HSV	180°, 4%, 71%
XYZ	42.8506, 45.9473, 50.8662
YIQ	179.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

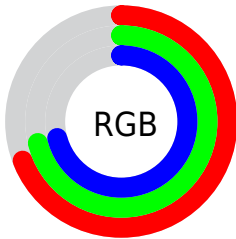
Format	Color
RYB	175, 179, 182
Decimal	11515574
CIELab	73.51, -2.43, -0.86
CIElCh	74, 2.579, 199.391
Yxy	45.9473, 0.3068, 0.3290
Android (android.graphics.Color)	4289705654 (0xFFAFB6B6)
YUV	179.9070, 1.0318, -4.3034
Hunter-Lab	67.7844, -5.7822, 2.9572

Details

The XYZ color **42.8506, 45.9473, 50.8662** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.3609, 43.7013, 46.7621**, and the grayscale version is **43.3299, 45.5864, 49.6436**.

A 20% lighter version of the original color is **78.9621, 84.3110, 93.0008**, and **19.9811, 21.4964, 23.8650** is the 20% darker color. If you saturate the color by 10%, you get **39.0374, 43.9829, 50.6842**, and if you desaturate by 10%, it is **47.2171, 48.1995, 51.0760**.

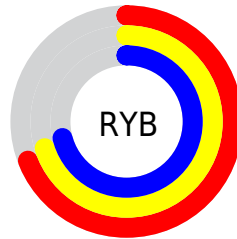
Distribution



Red (69%)

Green (71%)

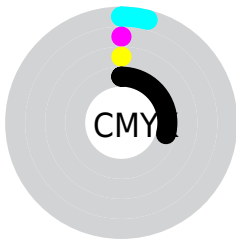
Blue (71%)



Red (69%)

Yellow (70%)

Blue (71%)

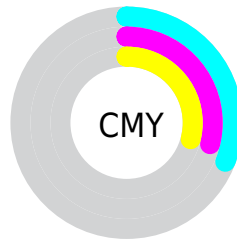


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8506, 45.9473, 50.8662 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 42.8506, 45.9473, 50.8662 by changing the saturation by 10% instead.

■ 42.8506, 45.9473,
50.8662

■ 42.8506, 45.9473,
50.8662

348.9289,
370.5967, 406.8754

■ 29.9619, 32.2042,
35.7261

■ 78.7425, 84.1401,
92.8664

■ 19.9576, 21.5175,
23.9348

102.4764,
109.3587, 120.5637

■ 12.4723, 13.5028,
15.0735

130.5561,
139.1712, 153.2838

■ 7.1407, 7.7757,
8.7238

163.3470,
173.9620, 191.4452

■ 3.5974, 3.9518,
4.4671

201.2143,
214.1156, 235.4666

■ 1.4770, 1.6466,
1.8849

244.5235,

■ 0.3101, 0.3887,

260.0163, 285.7664

0.4831

293.6399,
312.0486, 342.7631

■ 0.0000, 0.0000,
0.0000

■ 42.8506, 45.9473,
50.8662

■ 42.8506, 45.9473,
50.8662

■ 39.0374, 43.9829,
50.6842

■ 47.2171, 48.1995,
51.0760

■ 35.7516, 42.2891,
50.5259

■ 52.1535, 50.7442,
51.3115

■ 32.9712, 40.8559,
50.3913

■ 57.6807, 53.5935,
51.5747

■ 30.6711, 39.6702,
50.2791

■ 63.8175, 56.7570,
51.8664

■ 28.8242, 38.7182,
50.1882

■ 66.4168, 58.0969,
51.9926

■ 27.4005, 37.9844,
50.1170

■ 66.4177, 58.0973,
51.9972

■ 26.3665, 37.4514,
50.0641

■ 66.4185, 58.0976,
52.0017

■ 25.6836, 37.0995,
50.0276

■ 66.4194, 58.0980,
52.0063

■ 25.3053, 36.9046,
50.0054

■ 66.4203, 58.0983,
52.0108

Harmonies

Analogous

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



42.8163, 45.9473, 49.5684



42.8506, 45.9473, 50.8662



43.1039, 45.9473, 51.9572

Triad

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



42.8506, 45.9473, 50.8662



44.3398, 45.9473, 51.6792



43.8330, 45.9473, 47.6037

Complementary

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



42.8506, 45.9473, 50.8662



42.3609, 43.7013, 46.7621

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.



44.2441, 45.9473, 48.1487



42.8506, 45.9473, 50.8662



44.5380, 45.9473, 50.4920

Square

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



42.8506, 45.9473, 50.8662



43.9630, 45.9473, 52.4323



44.5029, 45.9473, 49.2006



43.3814, 45.9473, 47.6999

Rectangle

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



42.8506, 45.9473, 50.8662



43.3640, 45.9473, 52.4134



44.5029, 45.9473, 49.2006



43.9805, 45.9473, 47.7176

Sweetspot

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



42.8519, 45.9493, 50.8672



79.8233, 84.4029, 92.3191



42.1725, 45.6805, 47.1524



17.6395, 18.6466, 20.3909



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.



42.8519, 45.9493, 50.8672



76.7774, 82.8328, 92.1733



42.1673, 44.5795, 50.6406



9.5975, 10.3812, 11.5768



17.7698, 26.0089, 35.3051



0.6265, 0.9169, 1.2449

Inverse Universe

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



42.3609, 43.7013, 46.7621



75.6108, 77.4916, 82.4197



43.0277, 45.0354, 46.9828



9.4364, 9.6440, 10.2306



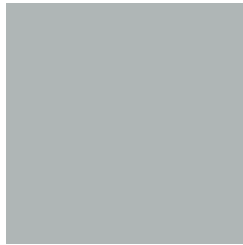
13.6238, 7.0233, 0.6396



0.4803, 0.2476, 0.0228

Previews

White Background



This preview shows how the XYZ color 42.8506, 45.9473, 50.8662 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 42.8506, 45.9473, 50.8662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

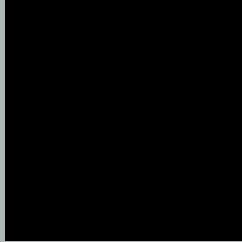
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

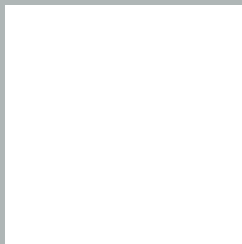
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8506, 45.9473, 50.8662

Background



This preview shows how black text looks on a background with the XYZ color 42.8506, 45.9473, 50.8662.

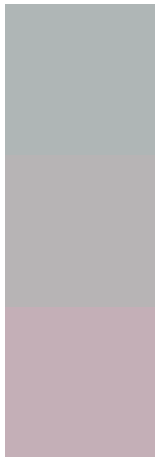


This preview shows how white text looks on a background with the XYZ color 42.8506, 45.9473,

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

42.8506, 45.9473, 50.8662

Protanopia

44.1902, 46.0460, 50.2748

Deuteranopia

46.6422, 45.8146, 51.1845



Tritanopia

44.1903, 45.8847, 57.5665

Trichromacy



Original Color

42.8506, 45.9473, 50.8662

Protanomaly

43.6868, 46.0872, 50.3092

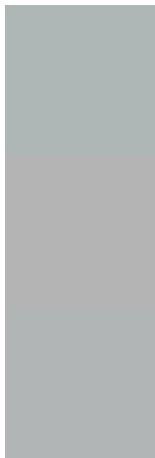
Deuteranomaly

45.2067, 45.9511, 51.2865

Tritanomaly

43.7226, 45.9956, 55.2888

Monochromacy



Original Color

42.8506, 45.9473, 50.8662

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.2245, 45.8489, 50.2876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8506, 45.9473, 50.8662 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, 182) looks like.

```
.text, #text, p{  
    color:rgb(175, 182, 182)  
}
```

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, 182) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 42.8506, 45.9473, 50.8662 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, 182) }
```


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

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

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, 182)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 42.8506, 45.9473, 50.8662 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, 182) }
```

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

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

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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