

Converting Colors

XYZ(42.9587, 46.3709, 51.6249)

Have a look what the booklet for
XYZ(42.9587, 46.3709, 51.6249)
contains.

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Color

**XYZ(42.9363, 46.2845,
51.4706)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB7B7
RGB	174, 183, 183
RGB Percent	68%, 72%, 72%
CMY	0.3176, 0.2823, 0.2823
CMYK	0.05, 0.00, 0.00, 0.28
HSL	180°, 6%, 70%
HSV	180°, 5%, 72%
XYZ	42.9363, 46.2845, 51.4706
YIQ	180.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

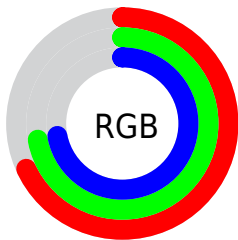
Format	Color
RYB	174, 179, 183
Decimal	11450295
CIELab	73.73, -3.12, -1.09
CIELCh	74, 3.305, 199.295
Yxy	46.2845, 0.3052, 0.3290
Android (android.graphics.Color)	4289640375 (0xFFFAEB7B7)
YUV	180.3090, 1.3267, -5.5330
Hunter-Lab	68.0327, -6.4037, 2.7667

Details

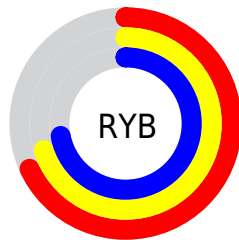
The XYZ color **42.9363, 46.2845, 51.4706** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.3062, 43.3966, 46.1932**, and the grayscale version is **43.5447, 45.8124, 49.8897**.

A 20% lighter version of the original color is **78.7596, 84.6230, 93.8442**, and **20.0379, 21.7145, 24.2543** is the 20% darker color. If you saturate the color by 10%, you get **39.1337, 44.3255, 51.2906**, and if you desaturate by 10%, it is **47.2971, 48.5338, 51.6787**.

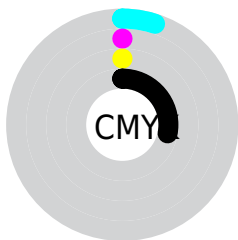
Distribution



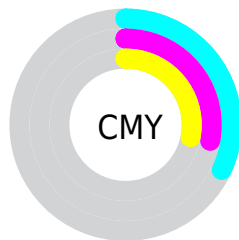
- Red (68%)
- Green (72%)
- Blue (72%)



- Red (68%)
- Yellow (70%)
- Blue (72%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)



- Cyan (32%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9363, 46.2845, 51.4706 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 42.9363, 46.2845, 51.4706 by changing the saturation by 10% instead.

■ 42.9363, 46.2845,
51.4706

■ 42.9363, 46.2845,
51.4706

349.2757,
371.9513, 409.2880

■ 30.0294, 32.4704,
36.2039

■ 78.8710, 84.6446,
93.7686

■ 20.0091, 21.7210,
24.3008

102.6296,
109.9594, 121.6371

■ 12.5100, 13.6521,
15.3426

130.7362,
139.8765, 154.5432

■ 7.1667, 7.8791,
8.9109

163.5560,
174.7804, 192.9056

■ 3.6138, 4.0177,
4.5871

201.4546,
215.0554, 237.1427

■ 1.4861, 1.6835,
1.9526

244.7971,

■ 0.3163, 0.4129,

261.0860, 287.6731

0.5259

293.9490,
313.2565, 344.9154

■ 0.0000, 0.0000,
0.0000

■ 42.9363, 46.2845,
51.4706

■ 42.9363, 46.2845,
51.4706

■ 39.1337, 44.3255,
51.2906

■ 47.2971, 48.5338,
51.6787

■ 35.8629, 42.6395,
51.1345

■ 52.2331, 51.0783,
51.9127

■ 33.1015, 41.2160,
51.0022

■ 57.7655, 53.9303,
52.1746

■ 30.8239, 40.0419,
50.8926

■ 63.9135, 57.0997,
52.4653

■ 29.0021, 39.1028,
50.8044

■ 66.7246, 58.5488,
52.5999

■ 27.6056, 38.3829,
50.7360

■ 66.7252, 58.5490,
52.6030

■ 26.5998, 37.8645,
50.6859

■ 66.7258, 58.5492,
52.6060

■ 25.9451, 37.5270,
50.6522

■ 66.7263, 58.5495,
52.6091

■ 25.5929, 37.3455,
50.6327

■ 66.7269, 58.5497,
52.6121

Harmonies

Analogous

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



42.8933, 46.2845, 49.7984



42.9363, 46.2845, 51.4706



43.2607, 46.2845, 52.8840

Triad

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



42.9363, 46.2845, 51.4706



44.8524, 46.2845, 52.5316



44.2018, 46.2845, 47.2889

Complementary

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



42.9363, 46.2845, 51.4706



42.3062, 43.3966, 46.1932

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.



44.7315, 46.2845, 47.9872



42.9363, 46.2845, 51.4706



45.1094, 46.2845, 50.9982

Square

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



42.9363, 46.2845, 51.4706



44.3657, 46.2845, 53.5059



45.0649, 46.2845, 49.3364



43.6205, 46.2845, 47.4089

Rectangle

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



42.9363, 46.2845, 51.4706



43.5945, 46.2845, 53.4776



45.0649, 46.2845, 49.3364



44.3919, 46.2845, 47.4351

Sweetspot

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



42.9376, 46.2865, 51.4716



79.8234, 84.4029, 92.3194



42.0638, 45.9408, 46.6956



17.6395, 18.6466, 20.3910



88.6918, 93.3107, 101.6153



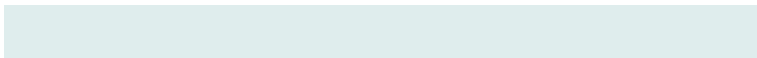
17.8044, 18.7317, 20.3988

Same Dimension

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



42.9376, 46.2865, 51.4716



76.0421, 82.4536, 92.1397



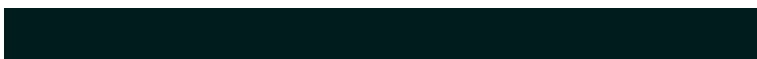
42.0542, 44.5191, 51.1785



9.5132, 10.3377, 11.5730



17.7718, 26.0097, 35.3159



0.6265, 0.9169, 1.2452

Inverse Universe

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



42.3062, 43.3966, 46.1932



74.6509, 76.0872, 80.5110



43.1602, 45.1052, 46.4766



9.3264, 9.4829, 10.0117



13.6236, 7.0232, 0.6389



0.4803, 0.2476, 0.0227

Previews

White Background



This preview shows how the XYZ color 42.9363, 46.2845, 51.4706 looks on a white background.

Color Contrast Check

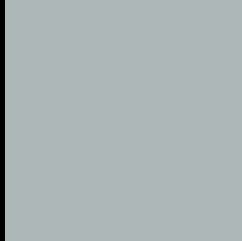
Large Text (above 18pt) WCAG AA × Fail

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 42.9363, 46.2845, 51.4706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

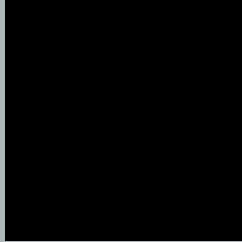
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

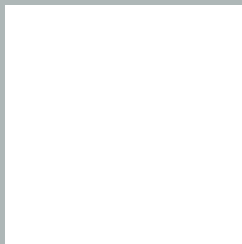
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9363, 46.2845, 51.4706

Background



This preview shows how black text looks on a background with the XYZ color 42.9363, 46.2845, 51.4706.

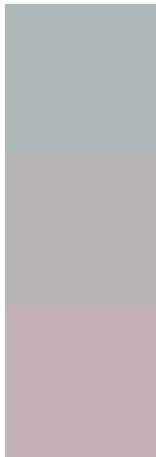


This preview shows how white text looks on a background with the XYZ color 42.9363, 46.2845,

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

42.9363, 46.2845, 51.4706

Protanopia

44.4289, 46.1691, 50.2859

Deuteranopia

47.1129, 46.0330, 52.3011



Tritanopia

44.2787, 46.2180, 58.2170

Trichromacy



Original Color

42.9363, 46.2845, 51.4706

Protanomaly

43.7898, 46.1284, 50.8517

Deuteranomaly

45.5584, 46.1203, 51.8483

Tritanomaly

43.8111, 46.3314, 55.9240

Monochromacy



Original Color

42.9363, 46.2845, 51.4706

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 42.9363, 46.2845, 51.4706 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(174, 183, 183)` looks like.

```
.text, #text, p{  
    color:rgb(174, 183, 183)  
}
```

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(174, 183, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 183, 183) }
```

Border

The CSS property to change the border of an element to XYZ 42.9363, 46.2845, 51.4706 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(174, 183, 183) }
```


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

```
.border{ border-color:rgb(174, 183, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 183, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 183, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 183, 183);  
box-shadow:4px 4px 4px 4px rgb(174, 183,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9363, 46.2845, 51.4706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 183, 183) }
```

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

```
.background{ background-color: rgb(174,  
183, 183) }
```

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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