

Converting Colors

XYZ(48.5906, 45.9550, 90.3136)

Have a look what the booklet for
XYZ(48.5906, 45.9550, 90.3136)
contains.

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Color

**XYZ(48.5906, 45.9550,
90.3136)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAFF2
RGB	173, 175, 242
RGB Percent	68%, 69%, 95%
CMY	0.3216, 0.3137, 0.0510
CMYK	0.29, 0.28, 0.00, 0.05
HSL	238°, 73%, 81%
HSV	238°, 29%, 95%
XYZ	48.5906, 45.9550, 90.3136
YIQ	182.0400, -22.6990, 20.4130

Conversions

Conversions Part 2

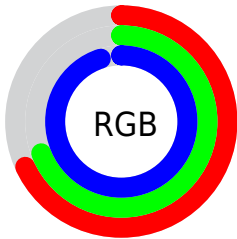
Format	Color
R_{YB}	173, 175, 242
Decimal	11382770
CIE _{Lab}	73.52, 13.95, -33.58
CIE _{LCh}	74, 36.360, 292.565
Yxy	45.9550, 0.2629, 0.2486
Android (android.graphics.Color)	4289572850 (0xFFADAFF2)
YUV	182.0400, 29.5603, -7.9281
Hunter-Lab	67.7901, 9.3125, -31.5362

Details

The XYZ color **48.5906, 45.9550, 90.3136** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **75.3218, 84.2154, 51.8222**, and the grayscale version is **44.3395, 46.6486, 50.8003**.

A 20% lighter version of the original color is **78.9799, 80.6366, 106.0095**, and **23.5536, 21.6330, 49.3886** is the 20% darker color. If you saturate the color by 10%, you get **39.5338, 35.0780, 88.6923**, and if you desaturate by 10%, it is **59.4155, 58.9268, 92.2477**.

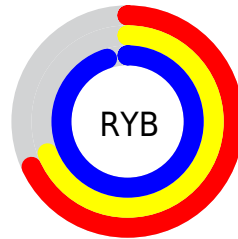
Distribution



Red (68%)

Green (69%)

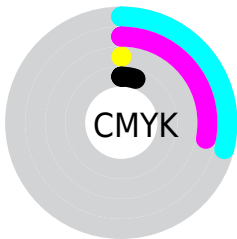
Blue (95%)



Red (68%)

Yellow (69%)

Blue (95%)

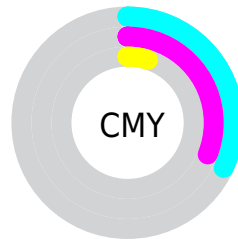


Cyan (29%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (32%)

Magenta (31%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5906, 45.9550, 90.3136 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 48.5906, 45.9550, 90.3136 by changing the saturation by 10% instead.

■ 48.5906, 45.9550,
90.3136

■ 48.5906, 45.9550,
90.3136

371.6721,
370.6277, 549.6469

■ 34.5080, 32.2103,
67.6656

■ 87.2875, 84.1516,
149.7132

■ 23.4489, 21.5222,
49.1607

112.6325,
109.3724, 187.3020

■ 15.0478, 13.5062,
34.3805

142.4624,
139.1873, 230.7080

■ 8.9395, 7.7781,
22.9063

177.1425,
173.9807, 280.3499

■ 4.7585, 3.9533,
14.3197

217.0381,
214.1371, 336.6462

■ 2.1396, 1.6475,
8.2021

262.5147,

■ 0.7106, 0.3893,

260.0408, 400.0154

4.1349

313.9376,
312.0762, 470.8761

■ 0.0000, 0.0000,
1.6996

■ 0.0000, 0.0000,
0.3605

■ 48.5906, 45.9550,
90.3136

■ 48.5906, 45.9550,
90.3136

■ 39.5338, 35.0780,
88.6923

■ 59.4155, 58.9268,
92.2477

■ 32.1468, 26.1810,
87.3643

■ 72.0904, 74.0893,
94.5063

■ 26.3290, 19.1464,
86.3131

■ 86.6980, 91.5394,
97.1046

■ 21.9669, 13.8419,
85.5192

■ 93.0272, 99.1909,
98.2479

■ 18.9320, 10.1180,
84.9603

■ 17.0731, 7.7997,
84.6108

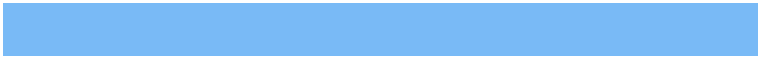
■ 16.1864, 6.6624,
84.4381

■ 16.1033, 6.5632,
84.4233

Harmonies

Analogous

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



42.1004, 45.9550, 93.9335



48.5906, 45.9550, 90.3136



54.2357, 45.9550, 74.7589

Triad

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



48.5906, 45.9550, 90.3136



51.6229, 45.9550, 26.8820



32.5431, 45.9550, 45.5991

Complementary

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



48.5906, 45.9550, 90.3136



75.3218, 84.2154, 51.8222

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.



34.5893, 45.9550, 31.4722



48.5906, 45.9550, 90.3136



45.2963, 45.9550, 22.5243

Square

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



48.5906, 45.9550, 90.3136



56.1027, 45.9550, 37.6567



39.1098, 45.9550, 23.9697



33.2395, 45.9550, 64.8712

Rectangle

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



48.5906, 45.9550, 90.3136



56.5505, 45.9550, 61.3986



39.1098, 45.9550, 23.9697



32.9255, 45.9550, 40.1716

Sweetspot

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



48.5921, 45.9568, 90.3147



80.4033, 82.5009, 106.2943



64.6706, 78.6630, 93.9804



16.7387, 17.0956, 22.6675



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



48.5921, 45.9568, 90.3147



48.7901, 44.6331, 100.6513



56.2041, 49.3072, 90.5602



14.9340, 15.3021, 19.8881



8.6676, 3.5595, 45.3581



0.7339, 0.3218, 3.7776

Inverse Universe

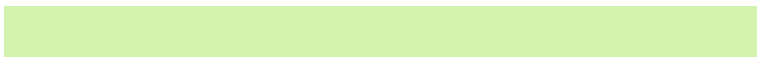
The Inverse Universe completely reimagines the original color for something new.



59.3007, 51.8611, 47.4440



62.6310, 52.3093, 45.2306



65.8176, 80.1947, 51.5470



15.7914, 15.7663, 16.4576



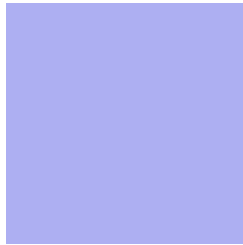
19.7006, 10.1527, 1.0742



1.6454, 0.8472, 0.1235

Previews

White Background



This preview shows how the XYZ color 48.5906, 45.9550, 90.3136 looks on a white background.

Color Contrast Check

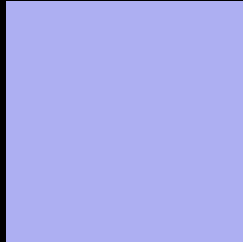
Large Text (above 18pt) WCAG AA × Fail

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 48.5906, 45.9550, 90.3136 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 48.5906, 45.9550, 90.3136

Background



This preview shows how black text looks on a background with the XYZ color 48.5906, 45.9550, 90.3136.



This preview shows how white text looks on a background with the XYZ color 48.5906, 45.9550,

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

48.5906, 45.9550, 90.3136

Protanopia

46.9475, 45.9495, 91.9827

Deuteranopia

47.1074, 46.0842, 89.6314



Tritanopia

42.4364, 45.8367, 60.0368

Trichromacy



Original Color

48.5906, 45.9550, 90.3136

Protanomaly

47.4169, 45.9147, 91.1573

Deuteranomaly

47.5357, 46.0106, 89.5946

Tritanomaly

44.3952, 45.7130, 70.1020

Monochromacy



Original Color

48.5906, 45.9550, 90.3136

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.6096, 46.1835, 63.6372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5906, 45.9550, 90.3136 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(173, 175, 242)` looks like.

```
.text, #text, p{  
    color:rgb(173, 175, 242)  
}
```

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(173, 175, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 175, 242) }
```

Border

The CSS property to change the border of an element to XYZ 48.5906, 45.9550, 90.3136 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(173, 175, 242) }
```


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

```
.border{ border-color:rgb(173, 175, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 175, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 175, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 175, 242);  
box-shadow:4px 4px 4px 4px rgb(173, 175,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5906, 45.9550, 90.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 175, 242) }
```

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

```
.background{ background-color: rgb(173,  
175, 242) }
```

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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