

Converting Colors

XYZ(50.2786, 46.5479, 98.7385)

Have a look what the booklet for
XYZ(50.2786, 46.5479, 98.7385)
contains.

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Color

**XYZ(50.3562, 46.6869,
98.4529)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAFFC
RGB	174, 175, 252
RGB Percent	68%, 69%, 99%
CMY	0.3176, 0.3137, 0.0118
CMYK	0.31, 0.31, 0.00, 0.01
HSL	239°, 93%, 84%
HSV	239°, 31%, 99%
XYZ	50.3562, 46.6869, 98.4529
YIQ	183.4790, -25.3130, 23.7350

Conversions

Conversions Part 2

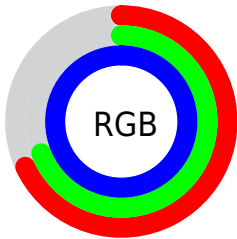
Format	Color
RYB	174, 175, 252
Decimal	11448316
CIELab	73.99, 16.70, -38.24
CIELCh	74, 41.732, 293.589
Yxy	46.6869, 0.2576, 0.2388
Android (android.graphics.Color)	4289638396 (0xFFFAEAFFC)
YUV	183.4790, 33.7809, -8.3131
Hunter-Lab	68.3278, 11.9772, -37.6009

Details

The XYZ color **50.3562, 46.6869, 98.4529** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **82.2830, 92.7467, 53.6112**, and the grayscale version is **45.1042, 47.4531, 51.6764**.

A 20% lighter version of the original color is **79.3018, 80.8026, 106.0245**, and **24.5410, 22.0280, 54.5881** is the 20% darker color. If you saturate the color by 10%, you get **40.8560, 35.2525, 96.7474**, and if you desaturate by 10%, it is **61.8047, 60.4515, 100.5072**.

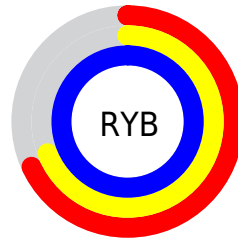
Distribution



Red (68%)

Green (69%)

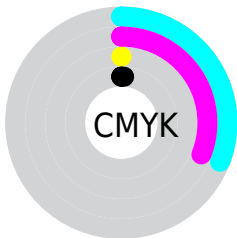
Blue (99%)



Red (68%)

Yellow (69%)

Blue (99%)

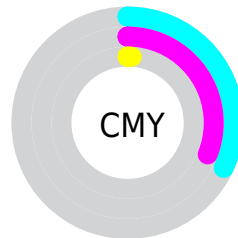


Cyan (31%)

Magenta (31%)

Yellow (0%)

Black (1%)



Cyan (32%)

Magenta (31%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3562, 46.6869, 98.4529 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 50.3562, 46.6869, 98.4529 by changing the saturation by 10% instead.

■ 50.3562, 46.6869,
98.4529

■ 50.3562, 46.6869,
98.4529

378.4863,
373.5634, 576.4253

■ 35.9155, 32.7882,
74.3995

■ 89.8911, 85.2461,
161.0628

■ 24.5387, 21.9642,
54.6223

115.7159,
110.6753, 200.4563

■ 15.8606, 13.8306,
38.7028

146.0662,
140.7169, 245.8002

■ 9.5158, 8.0030,
26.2226

181.3073,
175.7552, 297.5131

■ 5.1389, 4.0968,
16.7630

221.8044,
216.1746, 356.0135

■ 2.3646, 1.7279,
9.9055

267.9231,

■ 0.8274, 0.4416,

262.3595, 421.7200

5.2315

320.0286,
314.6943, 495.0511

■ 0.0000, 0.0000,
2.3226

■ 0.0000, 0.0000,
0.7439

■ 50.3562, 46.6869,
98.4529

■ 50.3562, 46.6869,
98.4529

■ 40.8560, 35.2525,
96.7474

■ 61.8047, 60.4515,
100.5072

■ 33.1910, 26.0144,
95.3682

■ 75.2962, 76.6596,
102.9245

■ 27.2445, 18.8335,
94.2956

■ 90.9254, 95.4234,
105.7226

■ 22.8837, 13.5524,
93.5061

■ 94.5708, 99.8083,
106.3768

■ 19.9571, 9.9913,
92.9730

■ 18.2834, 7.9356,
92.6644

■ 17.6059, 7.0985,
92.5385

Harmonies

Analogous

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



42.7943, 46.6869, 103.4623



50.3562, 46.6869, 98.4529



56.9278, 46.6869, 79.2761

Triad

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



50.3562, 46.6869, 98.4529



53.4306, 46.6869, 24.4532



31.6090, 46.6869, 46.3899

Complementary

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



50.3562, 46.6869, 98.4529



82.2830, 92.7467, 53.6112

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.



33.8173, 46.6869, 30.1666



50.3562, 46.6869, 98.4529



45.9931, 46.6869, 19.9965

Square

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



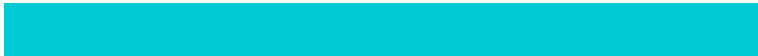
50.3562, 46.6869, 98.4529



58.8370, 46.6869, 36.1231



38.8863, 46.6869, 21.7476



32.5003, 46.6869, 69.0785

Rectangle

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



50.3562, 46.6869, 98.4529



59.5802, 46.6869, 63.3262



38.8863, 46.6869, 21.7476



32.0046, 46.6869, 40.1033

Sweetspot

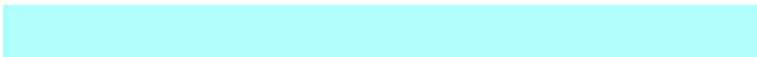
The Sweet Spot groups the original color and five complimentary colors.



50.3578, 46.6887, 98.4540



80.2986, 82.2914, 106.2594



69.6325, 85.5667, 103.8659



16.7132, 17.0446, 22.6590



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.



50.3578, 46.6887, 98.4540



45.5732, 40.5521, 100.0331



59.7732, 51.2546, 98.8390



16.3009, 16.6786, 21.7454



9.1790, 3.7136, 48.2066



0.8562, 0.3561, 4.4668

Inverse Universe

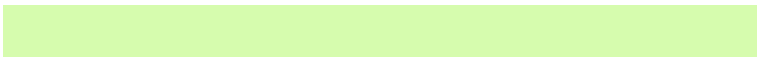
The Inverse Universe completely reimagines the original color for something new.



63.0202, 54.0643, 47.6732



60.4329, 49.2312, 40.4345



70.2709, 87.0192, 53.1388



17.2537, 17.2288, 17.9256



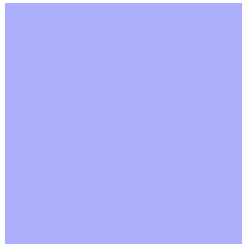
20.9252, 10.7858, 1.0485



1.9411, 1.0002, 0.1133

Previews

White Background



This preview shows how the XYZ color 50.3562, 46.6869, 98.4529 looks on a white background.

Color Contrast Check

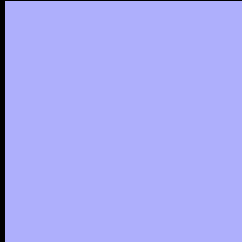
Large Text (above 18pt) WCAG AA × Fail

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 50.3562, 46.6869, 98.4529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

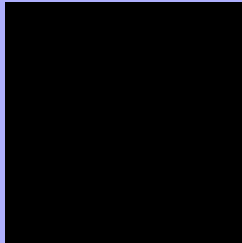
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3562, 46.6869, 98.4529

Background



This preview shows how black text looks on a background with the XYZ color 50.3562, 46.6869, 98.4529.



This preview shows how white text looks on a background with the XYZ color 50.3562, 46.6869,

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

50.3562, 46.6869, 98.4529

Protanopia

48.2707, 46.7293, 101.0833

Deuteranopia

47.8308, 46.5762, 97.7359



Tritanopia

42.8785, 46.6546, 61.3889

Trichromacy



Original Color

50.3562, 46.6869, 98.4529

Protanomaly

49.1196, 46.8891, 100.2275

Deuteranomaly

48.6428, 46.6983, 97.7167

Tritanomaly

45.2464, 46.3777, 73.5849

Monochromacy



Original Color

50.3562, 46.6869, 98.4529

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.5288, 46.8999, 66.2748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3562, 46.6869, 98.4529 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, 175, 252)` looks like.

```
.text, #text, p{  
    color:rgb(174, 175, 252)  
}
```

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, 175, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 175, 252) }
```

Border

The CSS property to change the border of an element to XYZ 50.3562, 46.6869, 98.4529 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, 175, 252) }
```


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

```
.border{ border-color:rgb(174, 175, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 175, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 175, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 175, 252);  
box-shadow:4px 4px 4px 4px rgb(174, 175,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3562, 46.6869, 98.4529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 175, 252) }
```

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

```
.background{ background-color: rgb(174,  
175, 252) }
```

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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