

Converting Colors

XYZ(73.1417, 55.7429,
220.1003)

Have a look what the booklet for
XYZ(73.1417, 55.7429, 220.1003)
contains.

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Color

**XYZ(50.6136, 46.7642,
100.9665)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAFFF
RGB	173, 175, 255
RGB Percent	68%, 69%, 100%
CMY	0.3216, 0.3137, 0.0000
CMYK	0.32, 0.31, 0.00, 0.00
HSL	239°, 100%, 84%
HSV	239°, 32%, 100%
XYZ	50.6136, 46.7642, 100.9665
YIQ	183.5220, -26.8720, 24.4560

Conversions

Conversions Part 2

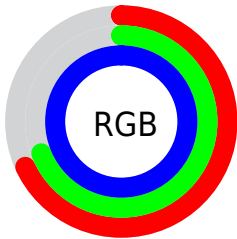
Format	Color
RYB	173, 175, 255
Decimal	11382783
CIELab	74.04, 17.17, -39.79
CIELCh	74, 43.339, 293.345
Yxy	46.7642, 0.2552, 0.2358
Android (android.graphics.Color)	4289572863 (0xFFADAFF)
YUV	183.5220, 35.2387, -9.2278
Hunter-Lab	68.3844, 12.4413, -39.6700

Details

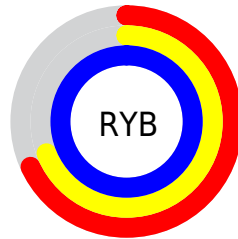
The XYZ color **50.6136, 46.7642, 100.9665** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **83.9087, 94.5282, 53.3605**, and the grayscale version is **45.1206, 47.4704, 51.6953**.

A 20% lighter version of the original color is **78.9799, 80.6366, 106.0095**, and **24.7472, 22.0947, 56.3865** is the 20% darker color. If you saturate the color by 10%, you get **41.0995, 35.3224, 99.2595**, and if you desaturate by 10%, it is **62.0986, 60.5481, 103.0217**.

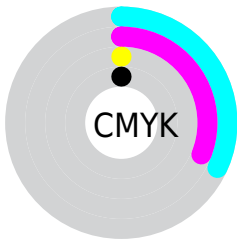
Distribution



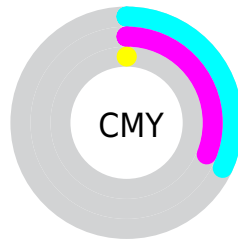
- Red (68%)
- Green (69%)
- Blue (100%)



- Red (68%)
- Yellow (69%)
- Blue (100%)



- Cyan (32%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6136, 46.7642, 100.9665 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 50.6136, 46.7642, 100.9665 by changing the saturation by 10% instead.

■ 50.6136, 46.7642,
100.9665

■ 50.6136, 46.7642,
100.9665

379.4731,
373.8725, 584.5601

■ 36.1210, 32.8493,
76.4866

■ 90.2697, 85.3615,
164.5482

■ 24.6982, 22.0110,
56.3225

116.1640,
110.8128, 204.4870

■ 15.9799, 13.8650,
40.0559

146.5895,
140.8782, 250.4159

■ 9.6007, 8.0268,
27.2680

181.9116,
175.9422, 302.7534

■ 5.1952, 4.1121,
17.5404

222.4956,
216.3893, 361.9180

■ 2.3982, 1.7365,
10.4545

268.7070,

■ 0.8442, 0.4471,

262.6038, 428.3283

5.5918

320.9110,
314.9701, 502.4028

■ 0.0000, 0.0000,
2.5338

■ 0.0000, 0.0000,
0.8580

■ 50.6136, 46.7642,
100.9665

■ 50.6136, 46.7642,
100.9665

■ 41.0995, 35.3224,
99.2595

■ 62.0986, 60.5481,
103.0217

■ 33.4415, 26.0877,
97.8806

■ 75.6520, 76.7885,
105.4421

■ 27.5197, 18.9195,
96.8091

■ 91.3700, 95.5989,
108.2445

■ 23.1983, 13.6587,
96.0215

95.0500, 100.0000,
108.9000

■ 20.3215, 10.1233,
95.4907

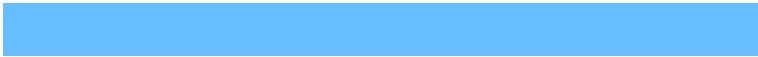
■ 18.7021, 8.0958,
95.1847

■ 18.1175, 7.3550,
95.0725

Harmonies

Analogous

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



42.7445, 46.7642, 106.1081



50.6136, 46.7642, 100.9665



57.4961, 46.7642, 80.8565

Triad

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



50.6136, 46.7642, 100.9665



53.9434, 46.7642, 23.7964



31.2375, 46.7642, 46.1342

Complementary

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



50.6136, 46.7642, 100.9665



83.9087, 94.5282, 53.3605

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.



33.5403, 46.7642, 29.4665



50.6136, 46.7642, 100.9665



46.1961, 46.7642, 19.2200

Square

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



50.6136, 46.7642, 100.9665



59.5692, 46.7642, 35.8198



38.8046, 46.7642, 20.9424



32.1302, 46.7642, 69.7558

Rectangle

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



50.6136, 46.7642, 100.9665



60.2946, 46.7642, 64.1449



38.8046, 46.7642, 20.9424



31.6538, 46.7642, 39.6476

Sweetspot

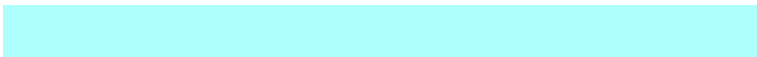
The Sweet Spot groups the original color and five complimentary colors.



50.6151, 46.7659, 100.9668



78.8536, 80.6218, 106.0133



70.6075, 87.4499, 105.4754



16.4286, 16.7185, 22.6111



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.



50.6151, 46.7659, 100.9668



43.8960, 38.6883, 99.7618



59.9354, 50.9973, 101.2923



17.0385, 17.4487, 22.7198



9.4821, 3.8738, 49.6825



0.9352, 0.4011, 4.8414

Inverse Universe

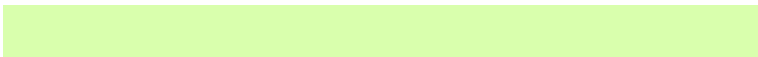
The Inverse Universe completely reimagines the original color for something new.



63.9225, 54.2439, 47.6602



59.2225, 47.3539, 38.3554



71.8398, 89.2484, 52.9775



18.0273, 17.9942, 18.7611



21.5743, 11.1190, 1.1430



2.1066, 1.0850, 0.1430

Previews

White Background



This preview shows how the XYZ color 50.6136, 46.7642, 100.9665 looks on a white background.

Color Contrast Check

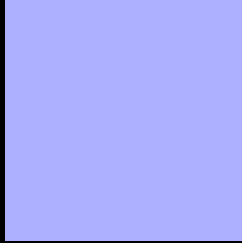
Large Text (above 18pt) WCAG AA × Fail

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 50.6136, 46.7642, 100.9665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

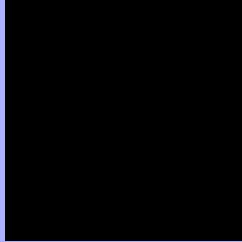
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6136, 46.7642, 100.9665

Background



This preview shows how black text looks on a background with the XYZ color 50.6136, 46.7642, 100.9665.



This preview shows how white text looks on a background with the XYZ color 50.6136, 46.7642,

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

50.6136, 46.7642, 100.9665

Protanopia

48.2707, 46.7293, 101.0833

Deuteranopia

48.1153, 46.9664, 100.2954



Tritanopia

42.6822, 46.8650, 61.4398

Trichromacy



Original Color

50.6136, 46.7642, 100.9665

Protanomaly

49.0747, 46.8473, 101.0637

Deuteranomaly

48.9140, 46.7831, 100.2179

Tritanomaly

45.1633, 46.6225, 74.3288

Monochromacy



Original Color

50.6136, 46.7642, 100.9665

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.9791, 47.4042, 67.6466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6136, 46.7642, 100.9665 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 175, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 175, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.6136, 46.7642, 100.9665 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, 255) }
```


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

```
.border{ border-color:rgb(173, 175, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 175,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6136, 46.7642, 100.9665 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, 255) }
```

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

```
.background{ background-color: rgb(173,  
175, 255) }
```

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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