

Converting Colors

XYZ(43.9004, 43.5464, 76.6125)

Have a look what the booklet for
XYZ(43.9004, 43.5464, 76.6125)
contains.

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Color

**XYZ(43.9004, 43.5464,
76.6125)**

Conversions

Conversions Part 1

Format	Color
Hex	A4AEE0
RGB	164, 174, 224
RGB Percent	64%, 68%, 88%
CMY	0.3569, 0.3176, 0.1216
CMYK	0.27, 0.22, 0.00, 0.12
HSL	230°, 49%, 76%
HSV	230°, 27%, 88%
XYZ	43.9004, 43.5464, 76.6125
YIQ	176.7100, -22.0100, 13.4300

Conversions

Conversions Part 2

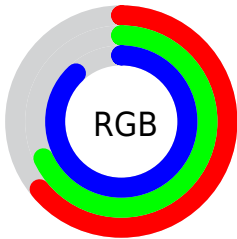
Format	Color
RYB	164, 173, 224
Decimal	10792672
CIELab	71.92, 7.51, -26.29
CIELCh	72, 27.346, 285.948
Yxy	43.5464, 0.2676, 0.2654
Android (android.graphics.Color)	4288982752 (0xFFA4AEE0)
YUV	176.7100, 23.3140, -11.1467
Hunter-Lab	65.9897, 3.2672, -22.6415

Details

The XYZ color **43.9004, 43.5464, 76.6125** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **61.4885, 66.6211, 44.7416**, and the grayscale version is **41.5289, 43.6917, 47.5802**.

A 20% lighter version of the original color is **75.5845, 78.4743, 105.7711**, and **20.6765, 20.1631, 40.3382** is the 20% darker color. If you saturate the color by 10%, you get **36.3195, 34.6526, 75.2961**, and if you desaturate by 10%, it is **52.7994, 53.8656, 78.1360**.

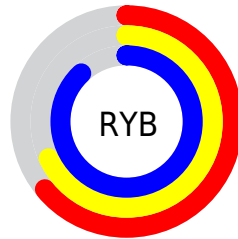
Distribution



Red (64%)

Green (68%)

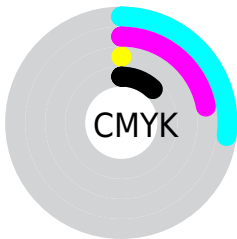
Blue (88%)



Red (64%)

Yellow (68%)

Blue (88%)

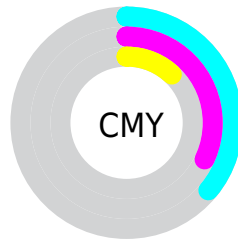


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (12%)



Cyan (36%)

Magenta (32%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9004, 43.5464, 76.6125 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 43.9004, 43.5464, 76.6125 by changing the saturation by 10% instead.

■ 43.9004, 43.5464,
76.6125

■ 43.9004, 43.5464,
76.6125

353.1608,
360.8540, 502.8444

■ 30.7898, 30.3141,
56.4252

■ 80.3151, 80.5348,
130.3604

■ 20.5899, 20.0771,
40.1377

■ 104.3499,
105.0596, 164.7580

■ 12.9353, 12.4511,
27.3313

132.7569,
134.1173, 204.7296

■ 7.4607, 7.0517,
17.5876

165.9013,
168.0924, 250.6935

■ 3.8007, 3.4944,
10.4879

204.1485,
207.3692, 303.0684

■ 1.5900, 1.3950,
5.6138

247.8640,

■ 0.3859, 0.2130,

252.3322, 362.2729

2.5468

297.4129,
303.3656, 428.7253

■ 0.0000, 0.0000,
0.8648

■ 0.0000, 0.0000,
0.0000

■ 43.9004, 43.5464,
76.6125

■ 43.9004, 43.5464,
76.6125

■ 36.3195, 34.6526,
75.2961

■ 52.7994, 53.8656,
78.1360

■ 29.9892, 27.1160,
74.1751

■ 63.0713, 65.6642,
79.8720

■ 24.8424, 20.8703,
73.2408

■ 74.7728, 78.9996,
81.8293

■ 20.8037, 15.8416,
72.4830

■ 87.9561, 93.9248,
84.0153

■ 17.7891, 11.9482,
71.8904

■ 90.4547, 98.1619,
84.7014

■ 15.7015, 9.0978,
71.4502

■ 14.4211, 7.1809,
71.1477

■ 14.1268, 6.7261,
71.0754

Harmonies

Analogous

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



39.2521, 43.5464, 76.9155



43.9004, 43.5464, 76.6125



48.1684, 43.5464, 67.5868

Triad

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



43.9004, 43.5464, 76.6125



47.9368, 43.5464, 31.2608



33.2924, 43.5464, 41.4535

Complementary

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



43.9004, 43.5464, 76.6125



61.4885, 66.6211, 44.7416

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.



35.2785, 43.5464, 31.7178



43.9004, 43.5464, 76.6125



43.6032, 43.5464, 26.6251

Square

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



43.9004, 43.5464, 76.6125



50.6156, 43.5464, 40.7081



38.9763, 43.5464, 26.7750



33.3589, 43.5464, 54.8200

Rectangle

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



43.9004, 43.5464, 76.6125



50.1219, 43.5464, 58.6600



38.9763, 43.5464, 26.7750



33.7353, 43.5464, 37.7069

Sweetspot

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



43.9018, 43.5481, 76.6135



82.7537, 85.9634, 106.8388



53.9767, 66.0088, 72.8478



17.2476, 17.8668, 22.7895



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.



43.9018, 43.5481, 76.6135



53.1428, 51.6912, 101.7842



46.2596, 42.0013, 76.1907



13.1357, 13.6106, 17.3225



8.2790, 4.0275, 41.3894



0.6305, 0.3924, 2.8878

Inverse Universe

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



51.6571, 45.4555, 46.0973



65.2302, 54.8887, 54.1711



58.5343, 68.9717, 45.3510



13.8000, 13.7376, 14.7169



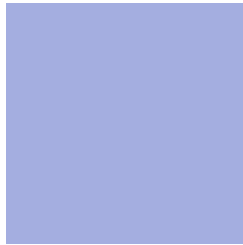
18.1190, 9.3146, 2.0267



1.2845, 0.6571, 0.2910

Previews

White Background



This preview shows how the XYZ color 43.9004, 43.5464, 76.6125 looks on a white background.

Color Contrast Check

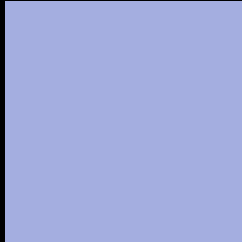
Large Text (above 18pt) WCAG AA × Fail

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 43.9004, 43.5464, 76.6125 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 43.9004, 43.5464, 76.6125

Background



This preview shows how black text looks on a background with the XYZ color 43.9004, 43.5464, 76.6125.



This preview shows how white text looks on a background with the XYZ color 43.9004, 43.5464,

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

43.9004, 43.5464, 76.6125

Protanopia

43.6949, 43.4405, 76.6029

Deuteranopia

44.5466, 43.5938, 76.5876



Tritanopia

39.9583, 43.4043, 57.3108

Trichromacy



Original Color

43.9004, 43.5464, 76.6125

Protanomaly

43.6949, 43.4405, 76.6029

Deuteranomaly

44.3345, 43.4844, 76.5777

Tritanomaly

41.2388, 43.3256, 63.9468

Monochromacy



Original Color

43.9004, 43.5464, 76.6125

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.2762, 43.7164, 57.2488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9004, 43.5464, 76.6125 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(164, 174, 224)` looks like.

```
.text, #text, p{  
    color:rgb(164, 174, 224)  
}
```

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(164, 174, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 174, 224) }
```

Border

The CSS property to change the border of an element to XYZ 43.9004, 43.5464, 76.6125 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(164, 174, 224) }
```


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

```
.border{ border-color:rgb(164, 174, 224) }
```

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

Here you see how a box with a 4 pixel rgb(164, 174, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 174, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 174, 224);  
box-shadow:4px 4px 4px 4px rgb(164, 174,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9004, 43.5464, 76.6125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 174, 224) }
```

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

```
.background{ background-color: rgb(164,  
174, 224) }
```

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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