

Converting Colors

XYZ(44.6916, 43.5100, 83.9826)

Have a look what the booklet for
XYZ(44.6916, 43.5100, 83.9826)
contains.

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Color

**XYZ(44.6951, 43.5090,
83.8843)**

Conversions

Conversions Part 1

Format	Color
Hex	A2ADEA
RGB	162, 173, 234
RGB Percent	64%, 68%, 92%
CMY	0.3647, 0.3216, 0.0823
CMYK	0.31, 0.26, 0.00, 0.08
HSL	231°, 63%, 78%
HSV	231°, 31%, 92%
XYZ	44.6951, 43.5090, 83.8843
YIQ	176.6650, -26.1370, 16.6390

Conversions

Conversions Part 2

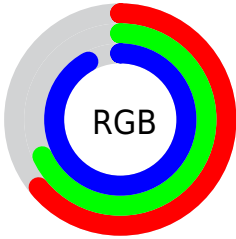
Format	Color
R _{YB}	162, 172, 234
Decimal	10661354
CIE Lab	71.90, 9.94, -31.80
CIE LCh	72, 33.313, 287.361
Yxy	43.5090, 0.2597, 0.2528
Android (android.graphics.Color)	4288851434 (0xFFA2ADEA)
YUV	176.6650, 28.2662, -12.8612
Hunter-Lab	65.9614, 5.5184, -29.2273

Details

The XYZ color **44.6951, 43.5090, 83.8843** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **66.8418, 72.8771, 44.7276**, and the grayscale version is **41.4819, 43.6422, 47.5263**.

A 20% lighter version of the original color is **74.7068, 77.6122, 105.6509**, and **21.0576, 20.0772, 44.8849** is the 20% darker color. If you saturate the color by 10%, you get **36.8532, 34.2363, 82.5086**, and if you desaturate by 10%, it is **53.9884, 54.3691, 85.4915**.

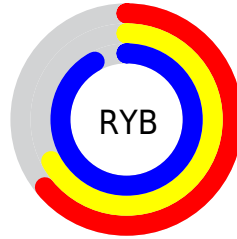
Distribution



Red (64%)

Green (68%)

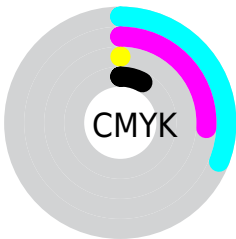
Blue (92%)



Red (64%)

Yellow (67%)

Blue (92%)

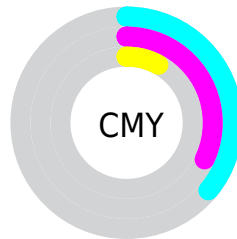


Cyan (31%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (36%)

Magenta (32%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6951, 43.5090, 83.8843 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 44.6951, 43.5090, 83.8843 by changing the saturation by 10% instead.

■ 44.6951, 43.5090,
83.8843

■ 44.6951, 43.5090,
83.8843

356.3418,
360.7009, 527.9770

■ 31.4176, 30.2847,
62.3751

■ 81.5026, 80.4784,
140.6736

■ 21.0704, 20.0548,
44.8981

■ 105.7632,
104.9923, 176.7908

■ 13.2882, 12.4349,
31.0348

134.4157,
134.0381, 218.6143

■ 7.7057, 7.0406,
20.3667

167.8252,
168.0004, 266.5628

■ 3.9574, 3.4875,
12.4751

206.3573,
207.2633, 321.0548

■ 1.6781, 1.3912,
6.9417

250.3771,

■ 0.4425, 0.2102,

252.2115, 382.5088

3.3478

300.2502,
303.2292, 451.3433

■ 0.0000, 0.0000,
1.2748

■ 0.0000, 0.0000,
0.0410

■ 44.6951, 43.5090,
83.8843

■ 44.6951, 43.5090,
83.8843

■ 36.8532, 34.2363,
82.5086

■ 53.9884, 54.3691,
85.4915

■ 30.3844, 26.4712,
81.3507

■ 64.7974, 66.8814,
87.3369

■ 25.2097, 20.1343,
80.4003

■ 77.1876, 81.1132,
89.4309

■ 21.2399, 15.1369,
79.6449

■ 90.9970, 97.0118,
91.7718

■ 18.3744, 11.3799,
79.0708

■ 91.8514, 98.7206,
92.0566

■ 16.4953, 8.7500,
78.6622

■ 15.4748, 7.1874,
78.4144

Harmonies

Analogous

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



39.0128, 43.5090, 84.8632



44.6951, 43.5090, 83.8843



49.9088, 43.5090, 71.8427

Triad

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



44.6951, 43.5090, 83.8843



49.1918, 43.5090, 27.9082



31.5971, 43.5090, 40.8618

Complementary

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



44.6951, 43.5090, 83.8843



66.8418, 72.8771, 44.7276

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.



33.8373, 43.5090, 29.2069



44.6951, 43.5090, 83.8843



43.7870, 43.5090, 22.9613

Square

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



44.6951, 43.5090, 83.8843



52.6635, 43.5090, 38.6500



38.1837, 43.5090, 23.3749



31.7920, 43.5090, 57.3207

Rectangle

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



44.6951, 43.5090, 83.8843



52.2609, 43.5090, 60.4452



38.1837, 43.5090, 23.3749



32.0811, 43.5090, 36.3375

Sweetspot

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



44.6966, 43.5107, 83.8853



81.2128, 84.1200, 106.5641



57.5090, 71.8019, 79.9363



16.9362, 17.4905, 22.7333



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.



44.6966, 43.5107, 83.8853



48.0202, 45.4461, 100.8488



48.0226, 42.2217, 83.4612



14.4170, 14.9204, 19.0423



8.7529, 4.1528, 44.0832



0.7441, 0.4397, 3.4805

Inverse Universe

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



54.3960, 46.3516, 45.6166



61.6681, 49.7253, 46.9388



62.5238, 75.1568, 45.3952



15.1593, 15.0916, 16.1240



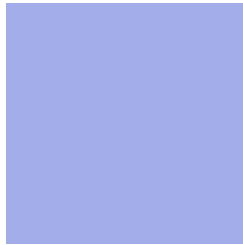
19.2734, 9.9120, 1.9749



1.5421, 0.7898, 0.3061

Previews

White Background



This preview shows how the XYZ color 44.6951, 43.5090, 83.8843 looks on a white background.

Color Contrast Check

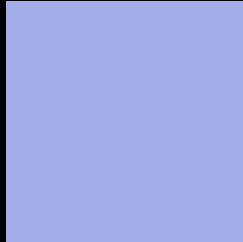
Large Text (above 18pt) WCAG AA × Fail

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 44.6951, 43.5090, 83.8843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

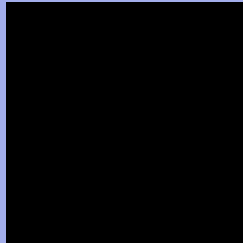
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.6951, 43.5090, 83.8843

Background



This preview shows how black text looks on a background with the XYZ color 44.6951, 43.5090, 83.8843.



This preview shows how white text looks on a background with the XYZ color 44.6951, 43.5090,

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

44.6951, 43.5090, 83.8843

Protanopia

44.4295, 43.6412, 84.6792

Deuteranopia

44.4928, 43.4047, 83.8748



Tritanopia

39.4980, 43.4527, 57.9352

Trichromacy



Original Color

44.6951, 43.5090, 83.8843

Protanomaly

44.6287, 43.7438, 84.6885

Deuteranomaly

44.4928, 43.4047, 83.8748

Tritanomaly

41.1354, 43.2158, 66.4950

Monochromacy



Original Color

44.6951, 43.5090, 83.8843

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.7316, 43.8985, 59.6471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6951, 43.5090, 83.8843 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(162, 173, 234)` looks like.

```
.text, #text, p{  
    color:rgb(162, 173, 234)  
}
```

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(162, 173, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 173, 234) }
```

Border

The CSS property to change the border of an element to XYZ 44.6951, 43.5090, 83.8843 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(162, 173, 234) }
```


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

```
.border{ border-color:rgb(162, 173, 234) }
```

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

Here you see how a box with a 4 pixel rgb(162, 173, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 173, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 173, 234);  
box-shadow:4px 4px 4px 4px rgb(162, 173,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6951, 43.5090, 83.8843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 173, 234) }
```

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

```
.background{ background-color: rgb(162,  
173, 234) }
```

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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