

Converting Colors

XYZ(44.2768, 30.5089, 85.7598)

Have a look what the booklet for
XYZ(44.2768, 30.5089, 85.7598)
contains.

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Color

**XYZ(44.3376, 30.4832,
85.9851)**

Conversions

Conversions Part 1

Format	Color
Hex	C275F0
RGB	194, 117, 240
RGB Percent	76%, 46%, 94%
CMY	0.2392, 0.5412, 0.0588
CMYK	0.19, 0.51, 0.00, 0.06
HSL	278°, 80%, 70%
HSV	278°, 51%, 94%
XYZ	44.3376, 30.4832, 85.9851
YIQ	154.0450, 6.4090, 54.5770

Conversions

Conversions Part 2

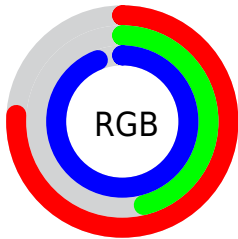
Format	Color
RYB	194, 117, 240
Decimal	12744176
CIELab	62.07, 51.27, -50.26
CIELCh	62, 71.799, 315.570
Yxy	30.4832, 0.2757, 0.1896
Android (android.graphics.Color)	4290934256 (0xFFC275F0)
YUV	154.0450, 42.3758, 35.0405
Hunter-Lab	55.2116, 46.7239, -53.6886

Details

The XYZ color **44.3376, 30.4832, 85.9851** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **49.4761, 71.3918, 28.0031**, and the grayscale version is **30.5540, 32.1452, 35.0061**.

A 20% lighter version of the original color is **73.1209, 57.2285, 101.8000**, and **20.9188, 12.6028, 46.1298** is the 20% darker color. If you saturate the color by 10%, you get **39.6570, 24.4383, 85.0655**, and if you desaturate by 10%, it is **49.8763, 38.0356, 87.1515**.

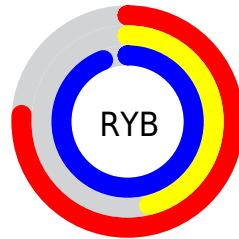
Distribution



Red (76%)

Green (46%)

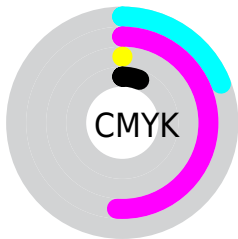
Blue (94%)



Red (76%)

Yellow (46%)

Blue (94%)

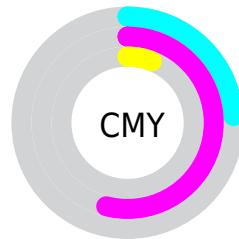


Cyan (19%)

Magenta (51%)

Yellow (0%)

Black (6%)



Cyan (24%)

Magenta (54%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3376, 30.4832, 85.9851 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 44.3376, 30.4832, 85.9851 by changing the saturation by 10% instead.

44.3376, 30.4832,
85.9851

44.3376, 30.4832,
85.9851

354.9131,
304.1503, 535.1114

31.1351, 20.2056,
64.1008

80.9687, 60.4255,
143.6351

20.8540, 12.5446,
46.2856

105.1280, 80.8590,
180.2378

13.1292, 7.1157,
32.1210

133.6702,
105.4467, 222.5838

7.5952, 3.5346,
21.1883

166.9608,
134.5728, 271.0916

3.8866, 1.4168,
13.0692

205.3650,
168.6218, 326.1797

1.6382, 0.2290,
7.3449

249.2482,

0.4171, 0.0000,

207.9782, 388.2667

3.5970

298.9758,
253.0262, 457.7711

■ 0.0000, 0.0000,
1.4070

■ 0.0000, 0.0000,
0.1472

■ 44.3376, 30.4832,
85.9851

■ 44.3376, 30.4832,
85.9851

■ 39.6570, 24.4383,
85.0655

■ 49.8763, 38.0356,
87.1515

■ 35.7728, 19.7841,
84.3719

■ 56.3221, 47.1931,
88.5793

■ 32.6192, 16.3921,
83.8834

■ 63.7239, 58.0492,
90.2846

■ 30.1168, 14.1071,
83.5742

■ 72.1260, 70.6890,
92.2815

■ 28.3512, 12.7987,
83.4147

■ 81.5698, 85.1919,
94.5831

■ 90.1485, 97.7414,
96.5533

■ 92.7283, 99.0713,
96.6740

Harmonies

Analogous

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



34.2420, 30.4832, 115.1500



44.3376, 30.4832, 85.9851



50.9013, 30.4832, 48.2641

Triad

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



44.3376, 30.4832, 85.9851



33.8450, 30.4832, 3.7494



14.5284, 30.4832, 49.5866

Complementary

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



44.3376, 30.4832, 85.9851



49.4761, 71.3918, 28.0031

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.



14.4682, 30.4832, 21.6367



44.3376, 30.4832, 85.9851



24.2750, 30.4832, 3.8137

Square

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



44.3376, 30.4832, 85.9851



43.9919, 30.4832, 7.8752



17.6450, 30.4832, 8.1652



17.8332, 30.4832, 87.4028

Rectangle

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



44.3376, 30.4832, 85.9851



51.6290, 30.4832, 28.2978



17.6450, 30.4832, 8.1652



14.1574, 30.4832, 38.6181

Sweetspot

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



44.3388, 30.4844, 85.9858



78.9702, 75.3641, 104.9923



36.3677, 36.6790, 87.6016



16.4657, 15.4732, 22.3687



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.



44.3388, 30.4844, 85.9858



45.5354, 28.0762, 97.6270



55.9768, 36.7207, 75.8382



15.8481, 15.7189, 19.9204



15.6719, 7.0845, 45.6693



1.4135, 0.6459, 3.8044

Inverse Universe

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



48.9082, 33.8933, 38.6156



51.8837, 32.7248, 35.7595



42.6177, 67.7510, 32.4296



16.0173, 15.8566, 17.6472



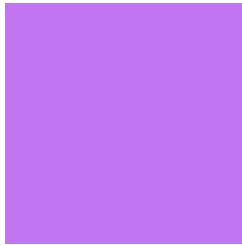
20.7352, 10.5665, 6.5221



1.7717, 0.8977, 0.7884

Previews

White Background



This preview shows how the XYZ color 44.3376, 30.4832, 85.9851 looks on a white background.

Color Contrast Check

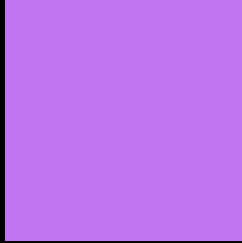
Large Text (above 18pt) WCAG AA × Fail

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 44.3376, 30.4832, 85.9851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

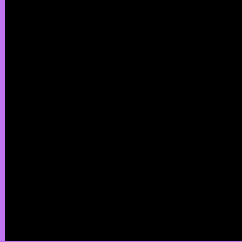
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3376, 30.4832, 85.9851

Background



This preview shows how black text looks on a background with the XYZ color 44.3376, 30.4832, 85.9851.

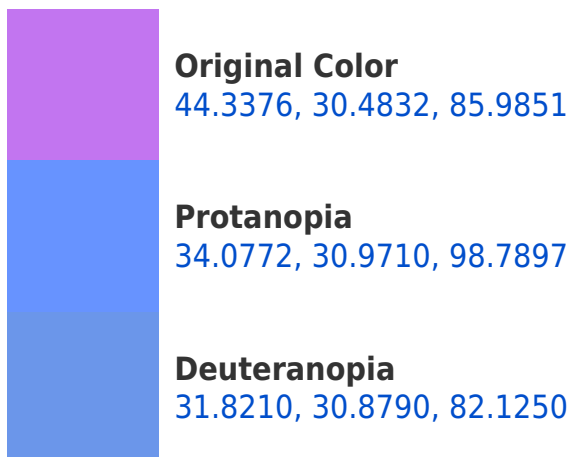


This preview shows how white text looks on a background with the XYZ color 44.3376, 30.4832,

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





Tritanopia

33.5600, 30.3705, 32.9475

Trichromacy



Original Color

44.3376, 30.4832, 85.9851



Protanomaly

36.2128, 29.7447, 94.2752



Deuteranomaly

34.8763, 29.7221, 83.2556



Tritanomaly

36.6711, 29.9658, 48.6509

Monochromacy



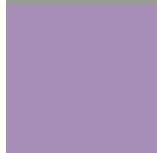
Original Color

44.3376, 30.4832, 85.9851



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

34.6440, 30.9876, 50.0542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3376, 30.4832, 85.9851 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(194, 117, 240)` looks like.

```
.text, #text, p{  
    color:rgb(194, 117, 240)  
}
```

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(194, 117, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 117, 240) }
```

Border

The CSS property to change the border of an element to XYZ 44.3376, 30.4832, 85.9851 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(194, 117, 240) }
```


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

```
.border{ border-color:rgb(194, 117, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 117, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 117, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 117, 240);  
box-shadow:4px 4px 4px 4px rgb(194, 117,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3376, 30.4832, 85.9851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 117, 240) }
```

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

```
.background{ background-color: rgb(194,  
117, 240) }
```

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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