

Converting Colors

XYZ(43.9736, 30.6146, 85.8997)

Have a look what the booklet for
XYZ(43.9736, 30.6146, 85.8997)
contains.

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Color

**XYZ(44.0632, 30.6914,
86.0397)**

Conversions

Conversions Part 1

Format	Color
Hex	C077F0
RGB	192, 119, 240
RGB Percent	75%, 47%, 94%
CMY	0.2470, 0.5333, 0.0588
CMYK	0.20, 0.50, 0.00, 0.06
HSL	276°, 80%, 70%
HSV	276°, 50%, 94%
XYZ	44.0632, 30.6914, 86.0397
YIQ	154.6210, 4.6670, 53.1070

Conversions

Conversions Part 2

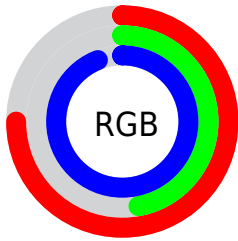
Format	Color
RYB	192, 119, 240
Decimal	12613616
CIELab	62.25, 49.71, -50.00
CIELCh	62, 70.500, 314.834
Yxy	30.6914, 0.2740, 0.1909
Android (android.graphics.Color)	4290803696 (0xFFC077F0)
YUV	154.6210, 42.0918, 32.7814
Hunter-Lab	55.3998, 45.0234, -53.3015

Details

The XYZ color **44.0632, 30.6914, 86.0397** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **50.4270, 71.8683, 28.6681**, and the grayscale version is **30.8083, 32.4127, 35.2975**.

A 20% lighter version of the original color is **72.4179, 57.4311, 101.8762**, and **20.7077, 12.6674, 46.1534** is the 20% darker color. If you saturate the color by 10%, you get **39.2262, 24.4802, 85.0963**, and if you desaturate by 10%, it is **49.7795, 38.4275, 87.2322**.

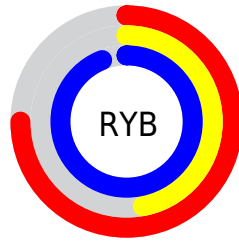
Distribution



Red (75%)

Green (47%)

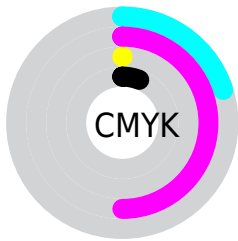
Blue (94%)



Red (75%)

Yellow (47%)

Blue (94%)

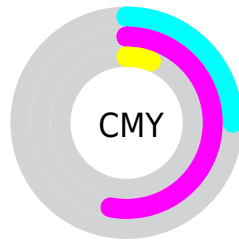


Cyan (20%)

Magenta (50%)

Yellow (0%)

Black (6%)



Cyan (25%)

Magenta (53%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0632, 30.6914, 86.0397 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 44.0632, 30.6914, 86.0397 by changing the saturation by 10% instead.

44.0632, 30.6914,
86.0397

44.0632, 30.6914,
86.0397

353.8140,
305.1141, 535.2962

30.9183, 20.3640,
64.1457

80.5586, 60.7539,
143.7119

20.6882, 12.6599,
46.3218

104.6398, 81.2577,
180.3272

13.0074, 7.1948,
32.1493

133.0972,
105.9225, 222.6868

7.5107, 3.5842,
21.2098

166.2961,
135.1326, 271.2090

3.8326, 1.4438,
13.0847

204.6019,
169.2724, 326.3125

1.6079, 0.2487,
7.3555

248.3799,

0.3975, 0.0000,

208.7263, 388.4159

3.6036

297.9955,
253.8787, 457.9376

■ 0.0000, 0.0000,
1.4105

■ 0.0000, 0.0000,
0.1499

■ 44.0632, 30.6914,
86.0397

■ 44.0632, 30.6914,
86.0397

■ 39.2262, 24.4802,
85.0963

■ 49.7795, 38.4275,
87.2322

■ 35.2068, 19.6781,
84.3812

■ 56.4241, 47.7855,
88.6882

■ 31.9396, 16.1578,
83.8739

■ 64.0462, 58.8584,
90.4238

■ 29.3460, 13.7664,
83.5491

■ 72.6901, 71.7312,
92.4529

■ 27.3692, 12.2924,
83.3687

■ 82.3973, 86.4829,
94.7886

■ 90.6001, 97.9742,
96.5743

■ 92.7283, 99.0713,
96.6739

Harmonies

Analogous

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



34.1098, 30.6914, 113.9536



44.0632, 30.6914, 86.0397



50.6290, 30.6914, 49.0832

Triad

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



44.0632, 30.6914, 86.0397



34.2236, 30.6914, 4.0684



14.8203, 30.6914, 48.7052

Complementary

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



44.0632, 30.6914, 86.0397



50.4270, 71.8683, 28.6681

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.



14.8378, 30.6914, 21.5000



44.0632, 30.6914, 86.0397



24.7340, 30.6914, 4.0491

Square

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



44.0632, 30.6914, 86.0397



44.1620, 30.6914, 8.4179



18.0810, 30.6914, 8.3326



18.0266, 30.6914, 85.6370

Rectangle

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



44.0632, 30.6914, 86.0397



51.4597, 30.6914, 29.1944



18.0810, 30.6914, 8.3326



14.4762, 30.6914, 38.0299

Sweetspot

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



44.0644, 30.6926, 86.0404



78.6748, 75.2119, 104.9785



37.2291, 37.9987, 87.8109



16.3944, 15.4364, 22.3654



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.



44.0644, 30.6926, 86.0404



45.1283, 28.2327, 97.6787



56.5225, 37.3159, 77.5503



15.8122, 15.7004, 19.9187



15.1362, 6.8084, 45.6443



1.3709, 0.6240, 3.8024

Inverse Universe

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



49.5079, 34.5100, 40.6119



52.5748, 33.3961, 38.1816



42.8723, 67.8843, 32.3529



16.0325, 15.8627, 17.7275



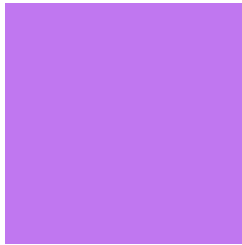
20.8685, 10.6198, 7.2241



1.7838, 0.9026, 0.8522

Previews

White Background



This preview shows how the XYZ color 44.0632, 30.6914, 86.0397 looks on a white background.

Color Contrast Check

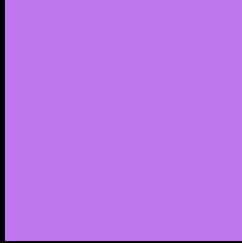
Large Text (above 18pt) WCAG AA × Fail

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 44.0632, 30.6914, 86.0397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

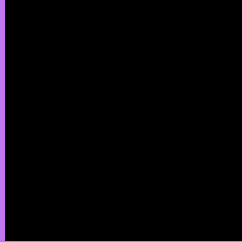
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0632, 30.6914, 86.0397

Background



This preview shows how black text looks on a background with the XYZ color 44.0632, 30.6914, 86.0397.

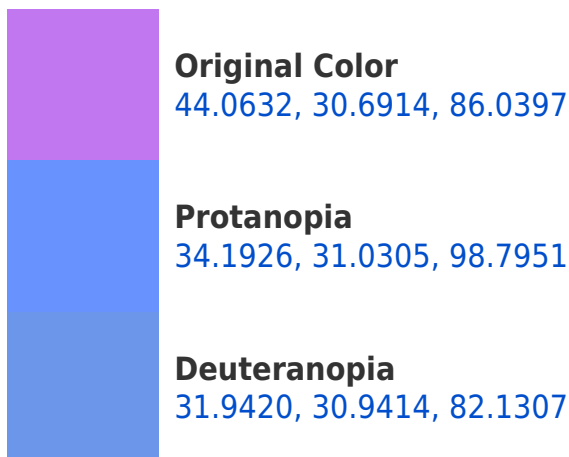


This preview shows how white text looks on a background with the XYZ color 44.0632, 30.6914,

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

33.4709, 30.7491, 33.4492

Trichromacy



Original Color

44.0632, 30.6914, 86.0397



Protanomaly

36.3543, 30.0277, 94.3223



Deuteranomaly

35.0204, 30.0103, 83.3037



Tritanomaly

36.4632, 30.2612, 48.7189

Monochromacy



Original Color

44.0632, 30.6914, 86.0397



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

34.6844, 31.2160, 50.6516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0632, 30.6914, 86.0397 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(192, 119, 240)` looks like.

```
.text, #text, p{  
    color:rgb(192, 119, 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(192, 119, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 119, 240) }
```

Border

The CSS property to change the border of an element to XYZ 44.0632, 30.6914, 86.0397 is called "border". The border property can be set on classes, ids or directly on the HTML element.

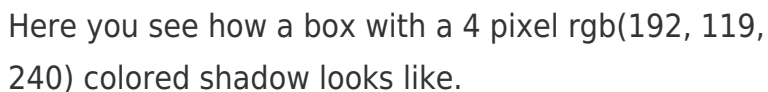
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 119, 240) }
```


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

```
.border{ border-color:rgb(192, 119, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 119, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 119, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 119, 240); box-shadow:4px 4px 4px 4px rgb(192, 119, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0632, 30.6914, 86.0397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 119, 240) }
```

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

```
.background{ background-color: rgb(192,  
119, 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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