

Converting Colors

XYZ(44.2783, 30.6924, 85.0522)

Have a look what the booklet for
XYZ(44.2783, 30.6924, 85.0522)
contains.

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Color

**XYZ(44.3066, 30.6582,
85.2438)**

Conversions

Conversions Part 1

Format	Color
Hex	C276EF
RGB	194, 118, 239
RGB Percent	76%, 46%, 94%
CMY	0.2392, 0.5372, 0.0627
CMYK	0.19, 0.51, 0.00, 0.06
HSL	278°, 79%, 70%
HSV	278°, 51%, 94%
XYZ	44.3066, 30.6582, 85.2438
YIQ	154.5180, 6.4550, 53.7430

Conversions

Conversions Part 2

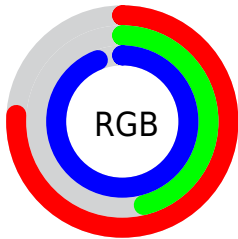
Format	Color
RYB	194, 118, 239
Decimal	12744431
CIELab	62.22, 50.54, -49.47
CIELCh	62, 70.723, 315.611
Yxy	30.6582, 0.2766, 0.1914
Android (android.graphics.Color)	4290934511 (0xFFC276EF)
YUV	154.5180, 41.6496, 34.6257
Hunter-Lab	55.3698, 45.9373, -52.5201

Details

The XYZ color **44.3066, 30.6582, 85.2438** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **49.2415, 70.8282, 28.2166**, and the grayscale version is **30.7644, 32.3665, 35.2471**.

A 20% lighter version of the original color is **73.3105, 57.6077, 101.8633**, and **20.8729, 12.6771, 45.6028** is the 20% darker color. If you saturate the color by 10%, you get **39.6272, 24.5844, 84.3186**, and if you desaturate by 10%, it is **49.8377, 38.2306, 86.4144**.

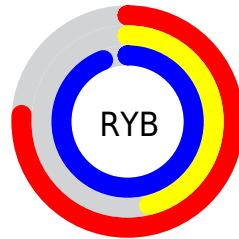
Distribution



Red (76%)

Green (46%)

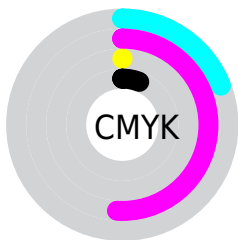
Blue (94%)



Red (76%)

Yellow (46%)

Blue (94%)

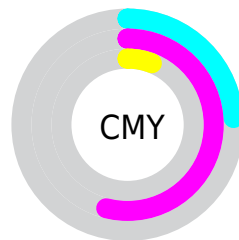


Cyan (19%)

Magenta (51%)

Yellow (0%)

Black (6%)



Cyan (24%)


Magenta (54%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3066, 30.6582, 85.2438 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 44.3066, 30.6582, 85.2438 by changing the saturation by 10% instead.


 44.3066, 30.6582,
85.2438


 44.3066, 30.6582,
85.2438


354.7891,
304.9605, 532.6001

 31.1106, 20.3387,
63.4915


 80.9224, 60.7015,
142.5909

 20.8353, 12.6415,
45.7954


 105.0729, 81.1942,
179.0229

 13.1154, 7.1821,
31.7369


 133.6055,
105.8467, 221.1852

 7.5856, 3.5763,
20.8975

166.8857,
135.0434, 269.4963

 3.8805, 1.4395,
12.8586

205.2788,
169.1687, 324.3748

 1.6348, 0.2455,
7.2016

249.1502,

 0.4149, 0.0000,

208.6071, 386.2392

3.5082

298.8652,
253.7429, 455.5081

■ 0.0000, 0.0000,
1.3596

■ 0.0000, 0.0000,
0.1099

■ 44.3066, 30.6582,
85.2438

■ 44.3066, 30.6582,
85.2438

■ 39.6272, 24.5844,
84.3186

■ 49.8377, 38.2306,
86.4144

■ 35.7387, 19.8943,
83.6183

■ 56.2684, 47.3974,
87.8449

■ 32.5768, 16.4622,
83.1224

■ 63.6471, 58.2508,
89.5509

■ 30.0639, 14.1362,
82.8059

■ 72.0173, 70.8745,
91.5463

■ 28.1795, 12.7273,
82.6333

■ 81.4196, 85.3467,
93.8442

■ 89.8152, 97.5867,
95.7642

■ 92.5801, 99.0120,
95.8936

Harmonies

Analogous

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



34.3584, 30.6582, 113.8100



44.3066, 30.6582, 85.2438



50.7558, 30.6582, 48.2067

Triad

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



44.3066, 30.6582, 85.2438



33.9382, 30.6582, 3.9763



14.8063, 30.6582, 49.6031

Complementary

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



44.3066, 30.6582, 85.2438



49.2415, 70.8282, 28.2166

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.



14.7419, 30.6582, 21.9578



44.3066, 30.6582, 85.2438



24.4781, 30.6582, 4.0469

Square

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



44.3066, 30.6582, 85.2438



43.9417, 30.6582, 8.1593



17.9016, 30.6582, 8.4731



18.1023, 30.6582, 86.7330

Rectangle

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



44.3066, 30.6582, 85.2438



51.4646, 30.6582, 28.5052



17.9016, 30.6582, 8.4731



14.4346, 30.6582, 38.7846

Sweetspot

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



44.3078, 30.6594, 85.2445



78.9974, 75.3781, 104.9936



36.3964, 36.7731, 86.8415



16.4723, 15.4766, 22.3690



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.



44.3078, 30.6594, 85.2445



45.6204, 28.1200, 97.6310



55.6505, 36.7385, 75.3096



15.8514, 15.7206, 19.9205



15.7223, 7.1105, 45.6717



1.4175, 0.6480, 3.8046

Inverse Universe

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



48.6867, 33.9530, 38.6386



51.8559, 32.7137, 35.6131



42.5115, 67.2544, 32.6137



16.0159, 15.8561, 17.6398



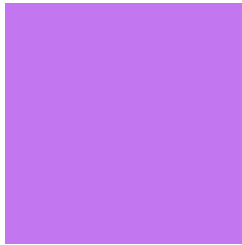
20.7234, 10.5618, 6.4601



1.7706, 0.8973, 0.7827

Previews

White Background



This preview shows how the XYZ color 44.3066, 30.6582, 85.2438 looks on a white background.

Color Contrast Check

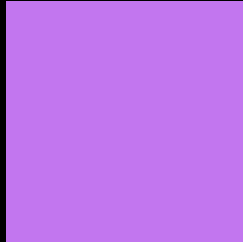
Large Text (above 18pt) WCAG AA × Fail

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 44.3066, 30.6582, 85.2438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

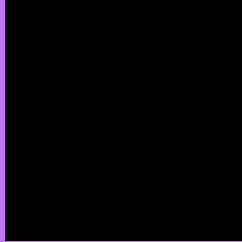
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3066, 30.6582, 85.2438

Background



This preview shows how black text looks on a background with the XYZ color 44.3066, 30.6582, 85.2438.



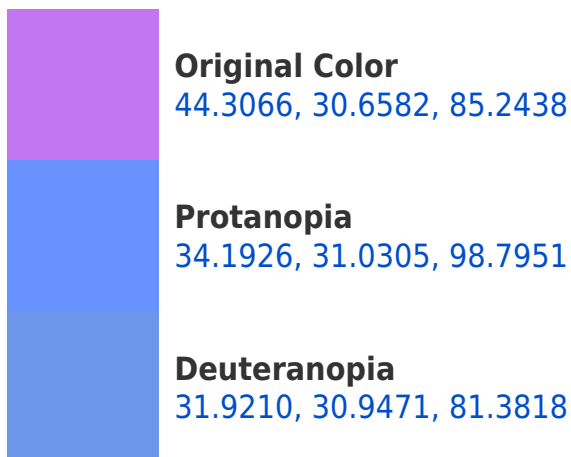
This preview shows how white text looks on a background with the XYZ color 44.3066, 30.6582,

85.2438.

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

33.7055, 30.6615, 32.9959

Trichromacy



Original Color

44.3066, 30.6582, 85.2438



Protanomaly

36.2196, 29.7662, 93.4590



Deuteranomaly

34.8991, 29.7506, 82.5003



Tritanomaly

36.7023, 30.1942, 48.1496

Monochromacy



Original Color

44.3066, 30.6582, 85.2438



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

34.8981, 31.3262, 50.6616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3066, 30.6582, 85.2438 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, 118, 239)` looks like.

```
.text, #text, p{  
    color:rgb(194, 118, 239)  
}
```

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, 118, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 118, 239) }
```

Border

The CSS property to change the border of an element to XYZ 44.3066, 30.6582, 85.2438 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, 118, 239) }
```


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

```
.border{ border-color:rgb(194, 118, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 118, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 118, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 118, 239);  
box-shadow:4px 4px 4px 4px rgb(194, 118,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3066, 30.6582, 85.2438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 118, 239) }
```

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

```
.background{ background-color: rgb(194,  
118, 239) }
```

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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