

Converting Colors

XYZ(35.4398, 30.5212, 83.0552)

Have a look what the booklet for
XYZ(35.4398, 30.5212, 83.0552)
contains.

XYZ(35.5029, 30.4750, 83.3679)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.5029, 30.4750,
83.3679)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8CEC
RGB	141, 140, 236
RGB Percent	55%, 55%, 93%
CMY	0.4470, 0.4510, 0.0745
CMYK	0.40, 0.41, 0.00, 0.07
HSL	241°, 72%, 74%
HSV	241°, 41%, 93%
XYZ	35.5029, 30.4750, 83.3679
YIQ	151.2430, -30.2200, 30.0680

Conversions

Conversions Part 2

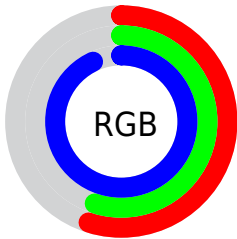
Format	Color
RYB	141, 140, 236
Decimal	9276652
CIELab	62.06, 23.62, -48.38
CIELCh	62, 53.836, 296.020
Yxy	30.4750, 0.2377, 0.2041
Android (android.graphics.Color)	4287466732 (0xFF8D8CEC)
YUV	151.2430, 41.7852, -8.9831
Hunter-Lab	55.2042, 18.1896, -50.8953

Details

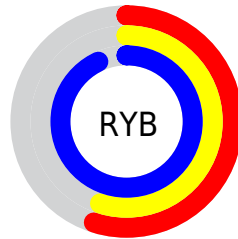
The XYZ color **35.5029, 30.4750, 83.3679** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **68.9900, 79.5468, 36.5297**, and the grayscale version is **29.3563, 30.8851, 33.6339**.

A 20% lighter version of the original color is **60.6305, 57.8093, 102.5705**, and **15.6407, 12.5389, 44.7759** is the 20% darker color. If you saturate the color by 10%, you get **28.8561, 22.4670, 82.1731**, and if you desaturate by 10%, it is **43.7287, 40.3956, 84.8498**.

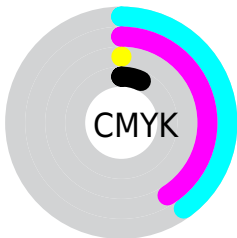
Distribution



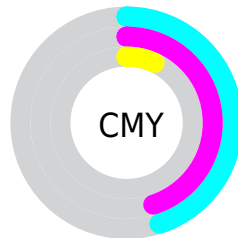
- Red (55%)
- Green (55%)
- Blue (93%)



- Red (55%)
- Yellow (55%)
- Blue (93%)



- Cyan (40%)
- Magenta (41%)
- Yellow (0%)
- Black (7%)



- Cyan (45%)
- Magenta (45%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5029, 30.4750, 83.3679 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 35.5029, 30.4750, 83.3679 by changing the saturation by 10% instead.

■ 35.5029, 30.4750,
83.3679

■ 35.5029, 30.4750,
83.3679

318.2518,
304.1123, 526.2149

■ 24.2188, 20.1994,
61.9513

■ 67.5930, 60.4126,
139.9445

■ 15.6217, 12.5401,
44.5578

■ 89.1298, 80.8433,
175.9415

■ 9.3460, 7.1126,
30.7689

■ 114.8148,
105.4279, 217.6358

■ 5.0264, 3.5326,
20.1659

145.0135,
134.5507, 265.4459

■ 2.2977, 1.4157,
12.3304

180.0912,
168.5962, 319.7903

■ 0.7935, 0.2283,
6.8439

220.4133,

■ 0.0000, 0.0000,

207.9487, 381.0876

3.2877

266.3450,
252.9926, 449.7563

■ 0.0000, 0.0000,
1.2433

■ 0.0000, 0.0000,
0.0147

■ 35.5029, 30.4750,
83.3679

■ 35.5029, 30.4750,
83.3679

■ 28.8561, 22.4670,
82.1731

■ 43.7287, 40.3956,
84.8498

■ 23.6840, 16.2456,
81.2449

■ 53.6218, 52.3376,
86.6334

■ 19.8753, 11.6748,
80.5633

■ 65.2684, 66.4052,
88.7349

■ 17.3016, 8.5976,
80.1050

■ 78.7475, 82.6948,
91.1687

■ 15.8097, 6.8272,
79.8419

■ 92.1404, 98.8362,
93.5784

■ 15.1713, 6.0721,
79.7298

Harmonies

Analogous

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



28.0112, 30.4750, 90.8634



35.5029, 30.4750, 83.3679



42.0921, 30.4750, 60.7828

Triad

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



35.5029, 30.4750, 83.3679



37.4519, 30.4750, 9.9045



17.1917, 30.4750, 30.4943

Complementary

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



35.5029, 30.4750, 83.3679



68.9900, 79.5468, 36.5297

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.



18.8984, 30.4750, 15.5319



35.5029, 30.4750, 83.3679



29.9414, 30.4750, 7.2020

Square

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



35.5029, 30.4750, 83.3679



43.3423, 30.4750, 18.6002



23.2844, 30.4750, 8.7207



18.1817, 30.4750, 53.8942

Rectangle

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



35.5029, 30.4750, 83.3679



44.6603, 30.4750, 43.7611



23.2844, 30.4750, 8.7207



17.4603, 30.4750, 24.4622

Sweetspot

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



35.5041, 30.4761, 83.3686



75.7772, 76.7091, 105.4202



55.9517, 71.6231, 90.2331



15.8117, 15.9264, 22.4907



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.



35.5041, 30.4761, 83.3686



35.4543, 28.0522, 98.1537



45.2583, 35.5046, 83.8251



14.2458, 14.5564, 18.9811



8.3693, 3.3504, 43.9486



0.6623, 0.2657, 3.4513

Inverse Universe

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



58.9660, 42.5879, 83.7088



67.0700, 44.3749, 98.5411



55.4689, 72.5764, 35.8970



15.7077, 15.3109, 19.0118



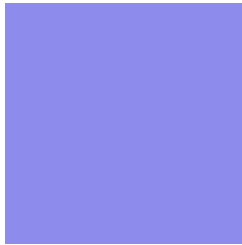
27.2207, 13.0910, 43.8251



2.1397, 1.0288, 3.4529

Previews

White Background



This preview shows how the XYZ color 35.5029, 30.4750, 83.3679 looks on a white background.

Color Contrast Check

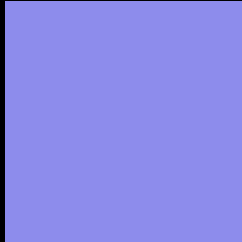
Large Text (above 18pt) WCAG AA × Fail

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 35.5029, 30.4750, 83.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

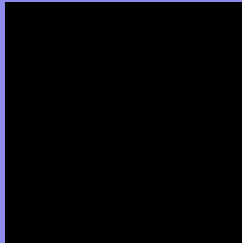
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5029, 30.4750, 83.3679

Background



This preview shows how black text looks on a background with the XYZ color 35.5029, 30.4750, 83.3679.



This preview shows how white text looks on a background with the XYZ color 35.5029, 30.4750,

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

35.5029, 30.4750, 83.3679

Protanopia

33.1428, 30.7230, 88.1877

Deuteranopia

31.5833, 30.7565, 82.1139



Tritanopia

27.0086, 30.5178, 41.0262

Trichromacy



Original Color

35.5029, 30.4750, 83.3679

Protanomaly

33.8698, 30.4487, 86.5301

Deuteranomaly

32.7455, 30.4075, 82.7406

Tritanomaly

29.6267, 30.3643, 54.1686

Monochromacy



Original Color

35.5029, 30.4750, 83.3679

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.9098, 30.4479, 48.5039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5029, 30.4750, 83.3679 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(141, 140, 236)` looks like.

```
.text, #text, p{  
    color:rgb(141, 140, 236)  
}
```

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(141, 140, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 140, 236) }
```

Border

The CSS property to change the border of an element to XYZ 35.5029, 30.4750, 83.3679 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(141, 140, 236) }
```


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

```
.border{ border-color:rgb(141, 140, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 140, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 140, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 140, 236);  
box-shadow:4px 4px 4px 4px rgb(141, 140,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5029, 30.4750, 83.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 140, 236) }
```

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

```
.background{ background-color: rgb(141,  
140, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor