

Converting Colors

$Y_{xy}(32.5305, 0.2707, 0.1935)$

Have a look what the booklet for
Yxy(32.5305, 0.2707, 0.1935)
contains.

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Color

Yxy(32.4663, 0.2707, 0.1929)

Conversions

Conversions Part 1

Format	Color
Hex	C07DF5
RGB	192, 125, 245
RGB Percent	75%, 49%, 96%
CMY	0.2470, 0.5099, 0.0391
CMYK	0.22, 0.49, 0.00, 0.04
HSL	274°, 86%, 73%
HSV	274°, 49%, 96%
XYZ	45.5605, 32.4663, 90.2795
YIQ	158.7130, 1.4120, 51.5240

Conversions

Conversions Part 2

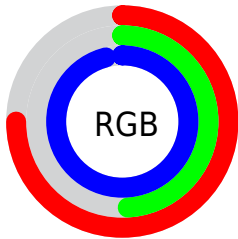
Format	Color
RYB	192, 125, 245
Decimal	12615157
CIELab	63.73, 47.66, -50.43
CIElCh	64, 69.390, 313.382
Yxy	32.4663, 0.2707, 0.1929
Android (android.graphics.Color)	4290805237 (0xFFC07DF5)
YUV	158.7130, 42.5395, 29.1927
Hunter-Lab	56.9792, 43.0149, -54.0554

Details

The Yxy color **32.4663, 0.2707, 0.1929** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **76.2722, 0.3373, 0.4701**, and the grayscale version is **34.3356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7842, 0.3123, 0.2537**, and **13.6302, 0.2563, 0.1617** is the 20% darker color. If you saturate the color by 10%, you get **25.6497, 0.2592, 0.1654**, and if you desaturate by 10%, it is **40.9193, 0.2814, 0.2219**.

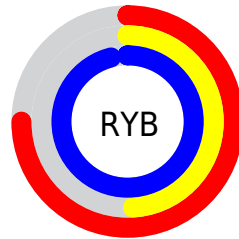
Distribution



Red (75%)

Green (49%)

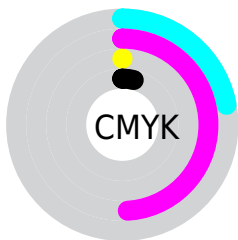
Blue (96%)



Red (75%)

Yellow (49%)

Blue (96%)

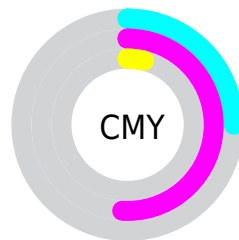


Cyan (22%)

Magenta (49%)

Yellow (0%)

Black (4%)



Cyan (25%)


Magenta (51%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4663, 0.2707, 0.1929 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 Yxy color 32.4663, 0.2707, 0.1929 by changing the saturation by 10% instead.


 32.4663, 0.2707,
0.1929


 32.4663, 0.2707,
0.1929

313.2380, 0.2943,
0.2562

 21.7179, 0.2643,
0.1788


 63.5414, 0.2797,
0.2147

 13.6498, 0.2559,
0.1618


 84.6369, 0.2830,
0.2232

 7.8775, 0.2446,
0.1409


 109.9502, 0.2857,
0.2306

 4.0167, 0.2286,
0.1151

139.8657, 0.2880,
0.2370

 1.6829, 0.2053,
0.0836

174.7679, 0.2899,
0.2427

 0.4125, 0.1711,
0.0397

215.0410, 0.2916,


 0.0000, 0.1086,

0.2477

0.0000


261.0696, 0.2930,
0.2522


 0.0000, 0.0000,
0.0000


 32.4663, 0.2707,
0.1929


 32.4663, 0.2707,
0.1929


 25.6497, 0.2592,
0.1654


 40.9193, 0.2814,
0.2219


 20.3488, 0.2472,
0.1408


 51.1099, 0.2911,
0.2511


 16.4319, 0.2353,
0.1204

 63.1354, 0.2997,
0.2795

 13.7418, 0.2240,
0.1053

 77.0849, 0.3070,
0.3064

 12.0440, 0.2135,
0.0953

 93.0412, 0.3133,
0.3314

■ 11.8980, 0.2125,
0.0944

■ 99.3748, 0.3185,
0.3386

Harmonies

Analogous

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



32.4663, 0.1912, 0.1754



32.4663, 0.2707, 0.1929



32.4663, 0.3804, 0.2354

Triad

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



32.4663, 0.2707, 0.1929



32.4663, 0.4945, 0.4396



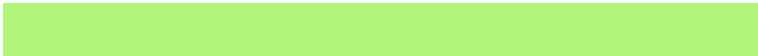
32.4663, 0.1638, 0.3322

Complementary

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



32.4663, 0.2707, 0.1929



76.2722, 0.3373, 0.4701

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.



32.4663, 0.2287, 0.4586



32.4663, 0.2707, 0.1929



32.4663, 0.4186, 0.5084

Square

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



32.4663, 0.2707, 0.1929



32.4663, 0.5237, 0.3654



32.4663, 0.3224, 0.5309



32.4663, 0.1389, 0.2353

Rectangle

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



32.4663, 0.2707, 0.1929



32.4663, 0.4526, 0.2745



32.4663, 0.3224, 0.5309



32.4663, 0.1810, 0.3741

Sweetspot

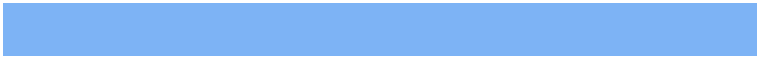
The Sweet Spot groups the original color and five complimentary colors.



32.4676, 0.2707, 0.1929



74.9127, 0.3027, 0.2904



43.1975, 0.2322, 0.2443



15.3643, 0.3011, 0.2846



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.4676, 0.2707, 0.1929



27.9939, 0.2590, 0.1650



40.3168, 0.3237, 0.2154



16.3830, 0.3067, 0.3052



6.4910, 0.2141, 0.0953



0.6313, 0.2269, 0.1023

Inverse Universe

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



37.2974, 0.3875, 0.2725



34.2117, 0.4119, 0.2629



71.3238, 0.3027, 0.4774



16.6041, 0.3224, 0.3186



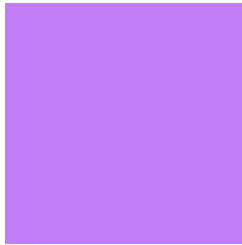
11.0703, 0.5207, 0.2642



0.9933, 0.4895, 0.2470

Previews

White Background



This preview shows how the Yxy color 32.4663, 0.2707, 0.1929 looks on a white background.

Color Contrast Check

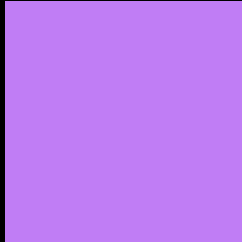
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 32.4663, 0.2707, 0.1929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

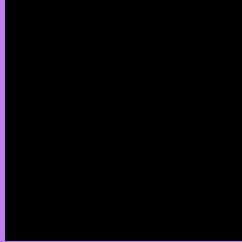
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4663, 0.2707, 0.1929

Background



This preview shows how black text looks on a background with the Yxy color 32.4663, 0.2707, 0.1929.



This preview shows how white text looks on a background with the Yxy color 32.4663, 0.2707, 0.1929.

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

32.4663, 0.2707, 0.1929

Protanopia

32.7980, 0.2135, 0.1956

Deuteranopia

32.7227, 0.2208, 0.2144



Tritanopia

32.3392, 0.3344, 0.3135

Trichromacy



Original Color

32.4663, 0.2707, 0.1929



Protanomaly

31.9738, 0.2301, 0.1932



Deuteranomaly

31.5712, 0.2349, 0.2031



Tritanomaly

31.7962, 0.3088, 0.2613

Monochromacy



Original Color

32.4663, 0.2707, 0.1929



Achromatopsia

34.6704, 0.3127, 0.3290



Achromatomaly

33.2431, 0.2970, 0.2703

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4663, 0.2707, 0.1929 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, 125, 245)` looks like.

```
.text, #text, p{  
    color:rgb(192, 125, 245)  
}
```

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, 125, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 125, 245) }
```

Border

The CSS property to change the border of an element to Yxy 32.4663, 0.2707, 0.1929 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, 125, 245) }
```

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

```
.border{ border-color:rgb(192, 125, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 125, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 125, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 125, 245);  
box-shadow:4px 4px 4px 4px rgb(192, 125,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4663, 0.2707, 0.1929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 125, 245) }
```

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

```
.background{ background-color: rgb(192,  
125, 245) }
```

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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