

Converting Colors

Yxy(34.2564, 0.2905, 0.1833)

Have a look what the booklet for
Yxy(34.2564, 0.2905, 0.1833)
contains.

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Color

Yxy(34.2192, 0.2908, 0.1831)

Conversions

Conversions Part 1

Format	Color
Hex	E06EFF
RGB	224, 110, 255
RGB Percent	88%, 43%, 100%
CMY	0.1218, 0.5684, 0.0001
CMYK	0.12, 0.57, 0.00, 0.00
HSL	287°, 100%, 72%
HSV	287°, 57%, 100%
XYZ	54.3470, 34.2192, 98.3218
YIQ	160.6160, 21.3990, 69.2630

Conversions

Conversions Part 2

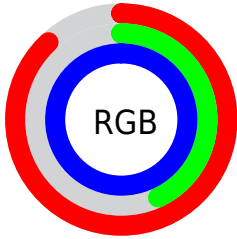
Format	Color
R_{YB}	224, 110, 255
Decimal	14708479
CIE _{Lab}	65.14, 65.28, -53.42
CIE _{LCh}	65, 84.350, 320.703
Yxy	34.2192, 0.2908, 0.1831
Android (android.graphics.Color)	4292898559 (0xFFE06EFF)
YUV	160.6160, 46.5313, 55.5878
Hunter-Lab	58.4972, 63.4661, -58.7063

Details

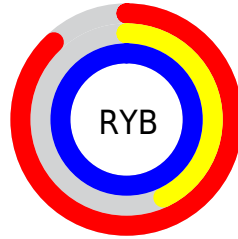
The Yxy color **34.2192, 0.2908, 0.1831** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **78.2988, 0.3195, 0.5047**, and the grayscale version is **35.2333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7524, 0.3168, 0.2422**, and **14.7304, 0.2810, 0.1522** is the 20% darker color. If you saturate the color by 10%, you get **28.6258, 0.2852, 0.1623**, and if you desaturate by 10%, it is **41.4261, 0.2960, 0.2070**.

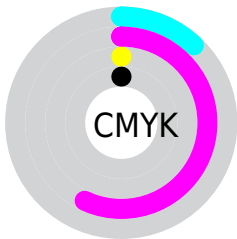
Distribution



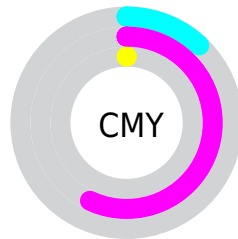
- Red (88%)
- Green (43%)
- Blue (100%)



- Red (88%)
- Yellow (43%)
- Blue (100%)



- Cyan (12%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.2192, 0.2908, 0.1831 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 34.2192, 0.2908, 0.1831 by changing the saturation by 10% instead.


 34.2192, 0.2908,
0.1831


 34.2192, 0.2908,
0.1831


321.1084, 0.3050,
0.2488


 23.0620, 0.2866,
0.1690


 66.2744, 0.2965,
0.2053

 14.6393, 0.2809,
0.1522


 87.9412, 0.2985,
0.2141

 8.5667, 0.2731,
0.1319

 113.8801, 0.3001,
0.2217

 4.4596, 0.2617,
0.1075

144.4753, 0.3014,
0.2285

 1.9338, 0.2444,
0.0783

180.1114, 0.3025,
0.2344

 0.5686, 0.2178,
0.0426

221.1727, 0.3035,

 0.0000, 0.1749,

0.2398

0.0000

268.0435, 0.3043,
0.2445

■ 0.0000, 0.0126,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.2192, 0.2908,
0.1831

■ 34.2192, 0.2908,
0.1831

■ 28.6258, 0.2852,
0.1623

■ 41.4261, 0.2960,
0.2070

■ 24.5014, 0.2795,
0.1455

■ 50.3657, 0.3006,
0.2329

■ 21.6831, 0.2736,
0.1334

■ 61.1508, 0.3047,
0.2596

■ 19.9629, 0.2679,
0.1258

■ 73.8834, 0.3082,
0.2863

 19.5475, 0.2662,
0.1240

 88.6579, 0.3111,
0.3121

99.9980, 0.3127,
0.3290

Harmonies

Analogous

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



34.2192, 0.1904, 0.1567



34.2192, 0.2908, 0.1831



34.2192, 0.4251, 0.2357

Triad

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



34.2192, 0.2908, 0.1831



34.2192, 0.4985, 0.4677



34.2192, 0.1304, 0.2954

Complementary

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



34.2192, 0.2908, 0.1831



78.2988, 0.3195, 0.5047

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.



34.2192, 0.1893, 0.4502



34.2192, 0.2908, 0.1831



34.2192, 0.4002, 0.5501

Square

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



34.2192, 0.2908, 0.1831



34.2192, 0.5555, 0.3815



34.2192, 0.2892, 0.5654



34.2192, 0.1153, 0.1995

Rectangle

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



34.2192, 0.2908, 0.1831



34.2192, 0.5051, 0.2808



34.2192, 0.2892, 0.5654



34.2192, 0.1446, 0.3425

Sweetspot

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



34.2206, 0.2908, 0.1831



73.6737, 0.3081, 0.2859



29.7228, 0.2099, 0.1831



15.1885, 0.3075, 0.2805



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.



34.2206, 0.2908, 0.1831



28.0789, 0.2846, 0.1601



37.2704, 0.3597, 0.2275



18.0925, 0.3103, 0.3053



10.2843, 0.2671, 0.1245



1.0479, 0.2735, 0.1280

Inverse Universe

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



34.3458, 0.4485, 0.2984



28.5600, 0.4928, 0.2960



77.0577, 0.2869, 0.4627



18.0507, 0.3260, 0.3239



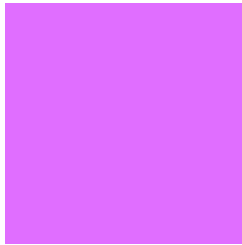
11.2686, 0.6041, 0.3102



1.1124, 0.5738, 0.2934

Previews

White Background



This preview shows how the Yxy color 34.2192, 0.2908, 0.1831 looks on a white background.

Color Contrast Check

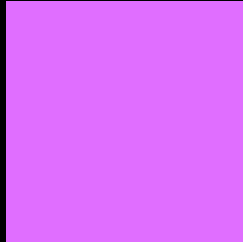
Large Text (above 18pt) WCAG AA × Fail

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 34.2192, 0.2908, 0.1831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

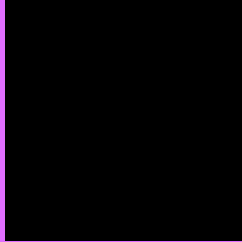
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2192, 0.2908, 0.1831

Background



This preview shows how black text looks on a background with the Yxy color 34.2192, 0.2908, 0.1831.



This preview shows how white text looks on a background with the Yxy color 34.2192, 0.2908, 0.1831.

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

34.2192, 0.2908, 0.1831

Protanopia

34.5142, 0.2177, 0.2018

Deuteranopia

34.5523, 0.2193, 0.2132



Tritanopia

33.9022, 0.3795, 0.3153

Trichromacy



Original Color

34.2192, 0.2908, 0.1831



Protanomaly

32.8533, 0.2383, 0.1901



Deuteranomaly

32.6616, 0.2392, 0.1965

Tritanomaly

33.3653, 0.3437, 0.2575

Monochromacy



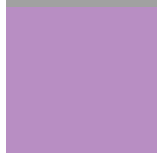
Original Color

34.2192, 0.2908, 0.1831



Achromatopsia

35.6400, 0.3127, 0.3290



Achromatomaly

33.4765, 0.3051, 0.2599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2192, 0.2908, 0.1831 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(224, 110, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 110, 255)  
}
```

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(224, 110, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 110, 255) }
```

Border

The CSS property to change the border of an element to Yxy 34.2192, 0.2908, 0.1831 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(224, 110, 255) }
```

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

```
.border{ border-color:rgb(224, 110, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 110, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 110, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 110, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 110,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2192, 0.2908, 0.1831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 110, 255) }
```

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

```
.background{ background-color: rgb(224,  
110, 255) }
```

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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