

Converting Colors

Yxy(54.4378, 0.2606, 0.1878)

Have a look what the booklet for
Yxy(54.4378, 0.2606, 0.1878)
contains.

Yxy(50.0334, 0.2991, 0.2324)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.0334, 0.2991, 0.2324)

Conversions

Conversions Part 1

Format	Color
Hex	E9A1FF
RGB	233, 161, 255
RGB Percent	91%, 63%, 100%
CMY	0.0863, 0.3686, 0.0000
CMYK	0.09, 0.37, 0.00, 0.00
HSL	286°, 100%, 82%
HSV	286°, 37%, 100%
XYZ	64.3932, 50.0334, 100.8634
YIQ	193.2440, 12.7380, 44.4980

Conversions

Conversions Part 2

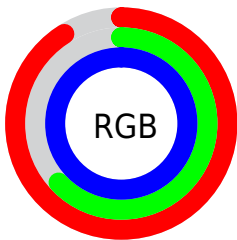
Format	Color
R _Y B	233, 161, 255
Decimal	15311359
CIE Lab	76.09, 42.20, -36.19
CIE LCh	76, 55.594, 319.387
Yxy	50.0334, 0.2991, 0.2324
Android (android.graphics.Color)	4293501439 (0xFFE9A1FF)
YUV	193.2440, 30.4457, 34.8660
Hunter-Lab	70.7343, 38.7132, -35.0304

Details

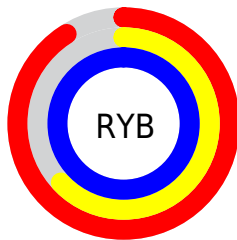
The Yxy color **50.0334, 0.2991, 0.2324** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **84.1587, 0.3205, 0.4370**, and the grayscale version is **53.2926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **24.0324, 0.2940, 0.2112** is the 20% darker color. If you saturate the color by 10%, you get **41.0247, 0.2939, 0.2062**, and if you desaturate by 10%, it is **60.8976, 0.3037, 0.2594**.

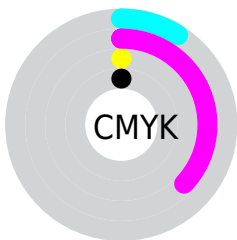
Distribution



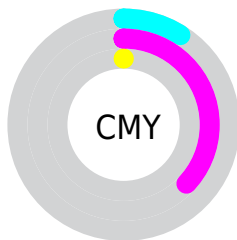
- Red (91%)
- Green (63%)
- Blue (100%)



- Red (91%)
- Yellow (63%)
- Blue (100%)



- Cyan (9%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0334, 0.2991, 0.2324 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 50.0334, 0.2991, 0.2324 by changing the saturation by 10% instead.


 50.0334, 0.2991,
0.2324


 50.0334, 0.2991,
0.2324


386.7965, 0.3070,
0.2760

 35.4399, 0.2969,
0.2228


 90.2244, 0.3021,
0.2473

 24.0020, 0.2940,
0.2111


 116.5906, 0.3032,
0.2531

 15.3351, 0.2901,
0.1967


147.6500, 0.3042,
0.2582

 9.0549, 0.2845,
0.1786

183.7868, 0.3049,
0.2627

 4.7770, 0.2762,
0.1552

225.3855, 0.3056,
0.2666

 2.1170, 0.2628,
0.1244

272.8304, 0.3061,

 0.6742, 0.2399,

0.2701

0.0820

326.5059, 0.3066,
0.2732

0.0000, 0.1968,
0.0000

0.0000, 0.0000,
0.0000

50.0334, 0.2991,
0.2324

50.0334, 0.2991,
0.2324

41.0247, 0.2939,
0.2062

60.8976, 0.3037,
0.2594

33.7534, 0.2882,
0.1820

73.7129, 0.3076,
0.2862

28.0981, 0.2820,
0.1607

88.5760, 0.3108,
0.3120

23.9186, 0.2756,
0.1435

99.9995, 0.3127,
0.3290

■ 21.0501, 0.2693,
0.1310

■ 19.2844, 0.2630,
0.1231

■ 18.8580, 0.2611,
0.1212

Harmonies

Analogous

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



50.0334, 0.2341, 0.2149



50.0334, 0.2991, 0.2324



50.0334, 0.3769, 0.2693

Triad

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



50.0334, 0.2991, 0.2324



50.0334, 0.4397, 0.4286



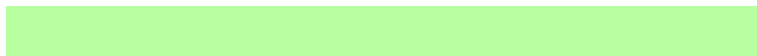
50.0334, 0.1982, 0.3189

Complementary

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



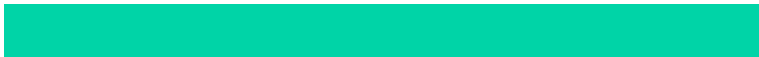
50.0334, 0.2991, 0.2324



84.1587, 0.3205, 0.4370

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.



50.0334, 0.2437, 0.3998



50.0334, 0.2991, 0.2324



50.0334, 0.3831, 0.4649

Square

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



50.0334, 0.2991, 0.2324



50.0334, 0.4632, 0.3751



50.0334, 0.3113, 0.4588



50.0334, 0.1819, 0.2550

Rectangle

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



50.0334, 0.2991, 0.2324



50.0334, 0.4229, 0.3017



50.0334, 0.3113, 0.4588



50.0334, 0.2102, 0.3455

Sweetspot

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



50.0355, 0.2991, 0.2324



82.1661, 0.3095, 0.3015



49.2914, 0.2490, 0.2455



17.1546, 0.3091, 0.2980



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.



50.0355, 0.2991, 0.2324



43.4174, 0.2955, 0.2136



52.5514, 0.3364, 0.2582



18.0734, 0.3100, 0.3053



9.9258, 0.2621, 0.1218



1.0158, 0.2691, 0.1256

Inverse Universe

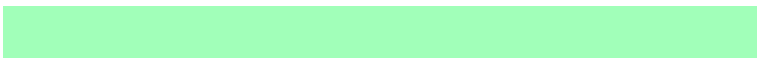
The Inverse Universe completely reimagines the original color for something new.



50.1737, 0.3815, 0.3061



43.7124, 0.4018, 0.3018



82.5755, 0.2955, 0.4125



18.0568, 0.3257, 0.3235



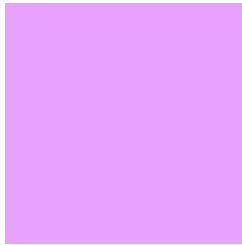
11.2967, 0.5984, 0.3070



1.1159, 0.5673, 0.2899

Previews

White Background



This preview shows how the Yxy color 50.0334, 0.2991, 0.2324 looks on a white background.

Color Contrast Check

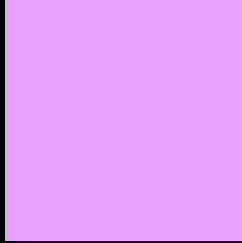
Large Text (above 18pt) WCAG AA × Fail

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 50.0334, 0.2991, 0.2324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

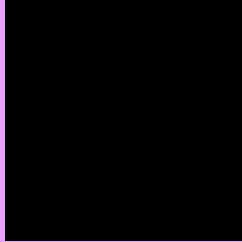
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0334, 0.2991, 0.2324

Background



This preview shows how black text looks on a background with the Yxy color 50.0334, 0.2991, 0.2324.



This preview shows how white text looks on a background with the Yxy color 50.0334, 0.2991, 0.2324.

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

50.0334, 0.2991, 0.2324

Protanopia

50.5533, 0.2530, 0.2481

Deuteranopia

50.3707, 0.2588, 0.2526



Tritanopia

49.9788, 0.3446, 0.3140

Trichromacy



Original Color

50.0334, 0.2991, 0.2324



Protanomaly

49.7406, 0.2679, 0.2411



Deuteranomaly

49.5483, 0.2718, 0.2433

Tritanomaly

49.8338, 0.3280, 0.2821

Monochromacy



Original Color

50.0334, 0.2991, 0.2324



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.4155, 0.3080, 0.2883

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0334, 0.2991, 0.2324 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(233, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 161, 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(233, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 161, 255) }
```

Border

The CSS property to change the border of an element to Yxy 50.0334, 0.2991, 0.2324 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(233, 161, 255) }
```

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

```
.border{ border-color:rgb(233, 161, 255) }
```

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

Here you see how a box with a 4 pixel rgb(233, 161, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 161,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0334, 0.2991, 0.2324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 161, 255) }
```

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

```
.background{ background-color: rgb(233,  
161, 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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