

Converting Colors

Yxy(56.9655, 0.3043, 0.2494)

Have a look what the booklet for
Yxy(56.9655, 0.3043, 0.2494)
contains.

Yxy(57.1895, 0.3046, 0.2499)	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(57.1895, 0.3046, 0.2499)

Conversions

Conversions Part 1

Format	Color
Hex	F0B1FF
RGB	240, 177, 255
RGB Percent	94%, 69%, 100%
CMY	0.0588, 0.3059, 0.0001
CMYK	0.06, 0.31, 0.00, 0.00
HSL	288°, 100%, 85%
HSV	288°, 31%, 100%
XYZ	69.7076, 57.1895, 101.9525
YIQ	204.7290, 12.5100, 37.6140

Conversions

Conversions Part 2

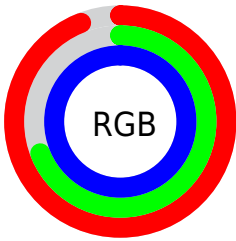
Format	Color
R_{YB}	240, 177, 255
Decimal	15774207
CIE _{Lab}	80.29, 35.88, -29.65
CIE _{LCh}	80, 46.546, 320.426
Yxy	57.1895, 0.3046, 0.2499
Android (android.graphics.Color)	4293964287 (0xFFFF0B1FF)
YUV	204.7290, 24.7836, 30.9327
Hunter-Lab	75.6237, 32.1941, -26.9955

Details

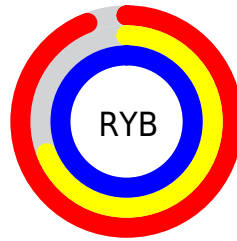
The Yxy color **57.1895, 0.3046, 0.2499** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **85.8820, 0.3175, 0.4169**, and the grayscale version is **60.7049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **28.5598, 0.3015, 0.2332** is the 20% darker color. If you saturate the color by 10%, you get **47.1978, 0.3009, 0.2236**, and if you desaturate by 10%, it is **69.0909, 0.3078, 0.2765**.

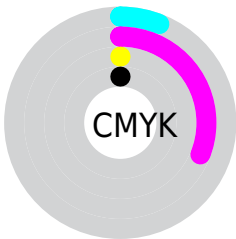
Distribution



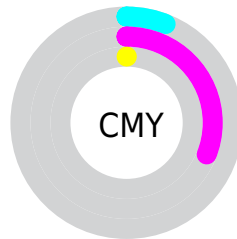
- Red (94%)
- Green (69%)
- Blue (100%)



- Red (94%)
- Yellow (69%)
- Blue (100%)



- Cyan (6%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1895, 0.3046, 0.2499 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 57.1895, 0.3046, 0.2499 by changing the saturation by 10% instead.

 57.1895, 0.3046,
0.2499

 57.1895, 0.3046,
0.2499


414.1590, 0.3094,
0.2855

 41.1574, 0.3033,
0.2421


 100.7416, 0.3064,
0.2620

 28.4421, 0.3015,
0.2325


129.0305, 0.3071,
0.2668

 18.6592, 0.2992,
0.2207


162.1737, 0.3077,
0.2709

 11.4243, 0.2958,
0.2057

200.5556, 0.3081,
0.2746

 6.3530, 0.2907,
0.1862

244.5608, 0.3085,
0.2778

 3.0609, 0.2824,
0.1599


294.5734, 0.3088,

 1.1636, 0.2679,


0.2806


0.1235


350.9781, 0.3091,
0.2832

 0.0317, 0.2551,
0.0089


 0.0000, 0.0000,
0.0000


 57.1895, 0.3046,
0.2499


 57.1895, 0.3046,
0.2499

 47.1978, 0.3009,
0.2236

 69.0909, 0.3078,
0.2765

 39.0032, 0.2966,
0.1987

 82.9917, 0.3105,
0.3026

 32.4928, 0.2919,
0.1763

98.9847, 0.3126,
0.3276

 27.5374, 0.2869,
0.1573

99.9985, 0.3127,
0.3290

■ 23.9892, 0.2818,
0.1427

■ 21.6711, 0.2766,
0.1328

■ 20.3476, 0.2718,
0.1271

Harmonies

Analogous

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



57.1895, 0.2504, 0.2348



57.1895, 0.3046, 0.2499



57.1895, 0.3667, 0.2817

Triad

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



57.1895, 0.3046, 0.2499



57.1895, 0.4157, 0.4137



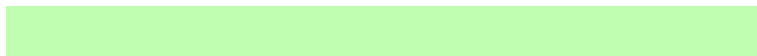
57.1895, 0.2182, 0.3203

Complementary

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



57.1895, 0.3046, 0.2499



85.8820, 0.3175, 0.4169

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.



57.1895, 0.2560, 0.3828



57.1895, 0.3046, 0.2499



57.1895, 0.3699, 0.4387

Square

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



57.1895, 0.3046, 0.2499



57.1895, 0.4340, 0.3713



57.1895, 0.3113, 0.4295



57.1895, 0.2046, 0.2689

Rectangle

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



57.1895, 0.3046, 0.2499



57.1895, 0.4025, 0.3094



57.1895, 0.3113, 0.4295



57.1895, 0.2283, 0.3410

Sweetspot

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



57.1920, 0.3046, 0.2499



85.3957, 0.3108, 0.3066



54.5284, 0.2603, 0.2573



17.8075, 0.3105, 0.3029



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.



57.1920, 0.3046, 0.2499



50.5741, 0.3023, 0.2329



58.5039, 0.3347, 0.2740



18.1139, 0.3107, 0.3054



10.6969, 0.2727, 0.1276



1.0846, 0.2784, 0.1308

Inverse Universe

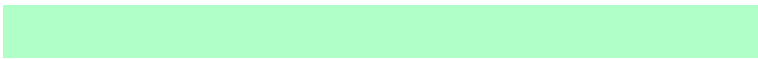
The Inverse Universe completely reimagines the original color for something new.



56.5054, 0.3688, 0.3135



49.8723, 0.3858, 0.3102



85.0417, 0.2962, 0.3913



18.0440, 0.3264, 0.3245



11.2405, 0.6101, 0.3134



1.1087, 0.5807, 0.2973

Previews

White Background



This preview shows how the Yxy color 57.1895, 0.3046, 0.2499 looks on a white background.

Color Contrast Check

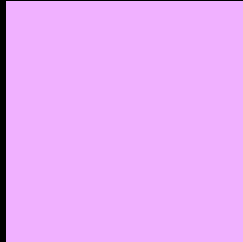
Large Text (above 18pt) WCAG AA × Fail

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 57.1895, 0.3046, 0.2499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

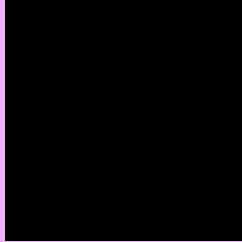
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1895, 0.3046, 0.2499

Background



This preview shows how black text looks on a background with the Yxy color 57.1895, 0.3046, 0.2499.

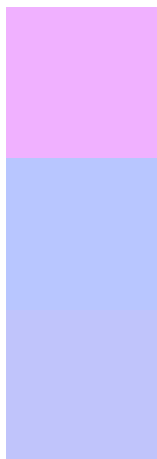


This preview shows how white text looks on a background with the Yxy color 57.1895, 0.3046, 0.2499.

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

57.1895, 0.3046, 0.2499

Protanopia

57.7985, 0.2655, 0.2645

Deuteranopia

57.6514, 0.2729, 0.2671



Tritanopia

56.9607, 0.3385, 0.3125

Trichromacy



Original Color

57.1895, 0.3046, 0.2499



Protanomaly

56.8843, 0.2782, 0.2579



Deuteranomaly

56.9788, 0.2836, 0.2603



Tritanomaly

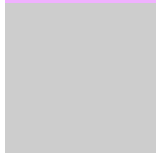
56.7496, 0.3262, 0.2881

Monochromacy



Original Color

57.1895, 0.3046, 0.2499



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.2634, 0.3103, 0.2978

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1895, 0.3046, 0.2499 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(240, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 177, 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(240, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 177, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.1895, 0.3046, 0.2499 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(240, 177, 255) }
```

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

```
.border{ border-color:rgb(240, 177, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 177,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1895, 0.3046, 0.2499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 177, 255) }
```

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

```
.background{ background-color: rgb(240,  
177, 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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