

Converting Colors

Yxy(54.7222, 0.2952, 0.2465)

Have a look what the booklet for
Yxy(54.7222, 0.2952, 0.2465)
contains.

Yxy(54.7646, 0.2953, 0.2466)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.7646, 0.2953, 0.2466)

Conversions

Conversions Part 1

Format	Color
Hex	E4B0FF
RGB	228, 176, 255
RGB Percent	89%, 69%, 100%
CMY	0.1057, 0.3098, 0.0000
CMYK	0.11, 0.31, 0.00, 0.00
HSL	280°, 100%, 85%
HSV	280°, 31%, 100%
XYZ	65.5798, 54.7646, 101.7342
YIQ	200.5540, 5.6330, 35.5930

Conversions

Conversions Part 2

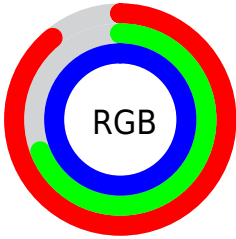
Format	Color
R _Y B	228, 176, 255
Decimal	14987519
CIE Lab	78.91, 32.75, -31.89
CIE LCh	79, 45.711, 315.756
Yxy	54.7646, 0.2953, 0.2466
Android (android.graphics.Color)	4293177599 (0xFFE4B0FF)
YUV	200.5540, 26.8419, 24.0701
Hunter-Lab	74.0031, 28.6771, -29.7055

Details

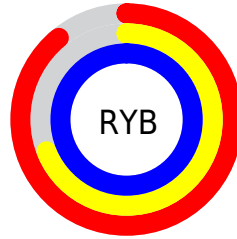
The Yxy color **54.7646, 0.2953, 0.2466** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **87.3441, 0.3250, 0.4161**, and the grayscale version is **57.9485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **27.0138, 0.2903, 0.2287** is the 20% darker color. If you saturate the color by 10%, you get **44.3006, 0.2878, 0.2185**, and if you desaturate by 10%, it is **67.1809, 0.3019, 0.2745**.

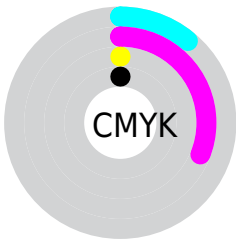
Distribution



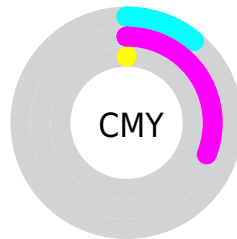
- Red (89%)
- Green (69%)
- Blue (100%)



- Red (89%)
- Yellow (69%)
- Blue (100%)



- Cyan (11%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7646, 0.2953, 0.2466 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 54.7646, 0.2953, 0.2466 by changing the saturation by 10% instead.


 54.7646, 0.2953,
0.2466

 54.7646, 0.2953,
0.2466


405.0190, 0.3045,
0.2839

 39.2133, 0.2929,
0.2383

 97.1960, 0.2987,
0.2594

 26.9257, 0.2899,
0.2283


124.8448, 0.3000,
0.2644

 17.5174, 0.2858,
0.2157


157.2950, 0.3010,
0.2687

 10.6041, 0.2802,
0.1998

194.9308, 0.3020,
0.2725

 5.8013, 0.2720,
0.1791

238.1367, 0.3027,
0.2759

 2.7246, 0.2594,
0.1512

287.2971, 0.3034,

 0.9897, 0.2380,

0.2789

0.1127

342.7964, 0.3040,
0.2815

0.0000, 0.2083,
0.0000

0.0000, 0.0000,
0.0000

54.7646, 0.2953,
0.2466

54.7646, 0.2953,
0.2466

44.3006, 0.2878,
0.2185

67.1809, 0.3019,
0.2745

35.6786, 0.2795,
0.1912

81.6437, 0.3075,
0.3013

28.7829, 0.2705,
0.1660

98.2459, 0.3123,
0.3266

23.4830, 0.2611,
0.1441

100.0000, 0.3127,
0.3290

■ 19.6290, 0.2518,
0.1266

■ 17.0414, 0.2427,
0.1142

■ 15.5419, 0.2349,
0.1068

Harmonies

Analogous

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



54.7646, 0.2438, 0.2345



54.7646, 0.2953, 0.2466



54.7646, 0.3571, 0.2760

Triad

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



54.7646, 0.2953, 0.2466



54.7646, 0.4203, 0.4076



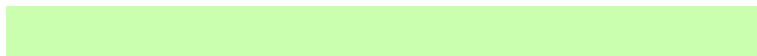
54.7646, 0.2229, 0.3299

Complementary

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



54.7646, 0.2953, 0.2466



87.3441, 0.3250, 0.4161

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.



54.7646, 0.2639, 0.3917



54.7646, 0.2953, 0.2466



54.7646, 0.3781, 0.4363

Square

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



54.7646, 0.2953, 0.2466



54.7646, 0.4333, 0.3639



54.7646, 0.3206, 0.4332



54.7646, 0.2054, 0.2757

Rectangle

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



54.7646, 0.2953, 0.2466



54.7646, 0.3947, 0.3027



54.7646, 0.3206, 0.4332



54.7646, 0.2341, 0.3508

Sweetspot

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



54.7659, 0.2953, 0.2466



84.7660, 0.3086, 0.3065



59.4648, 0.2612, 0.2703



17.6518, 0.3078, 0.3027



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.



54.7659, 0.2953, 0.2466



48.2438, 0.2909, 0.2297



58.7862, 0.3255, 0.2622



17.9718, 0.3083, 0.3052



8.2067, 0.2363, 0.1075



0.8594, 0.2460, 0.1129

Inverse Universe

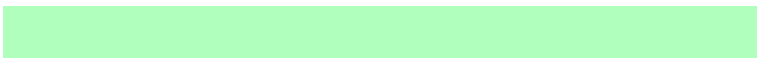
The Inverse Universe completely reimagines the original color for something new.



56.6158, 0.3593, 0.3012



50.4711, 0.3721, 0.2956



84.3727, 0.3022, 0.4065



18.0894, 0.3240, 0.3209



11.4936, 0.5617, 0.2868



1.1386, 0.5300, 0.2693

Previews

White Background



This preview shows how the Yxy color 54.7646, 0.2953, 0.2466 looks on a white background.

Color Contrast Check

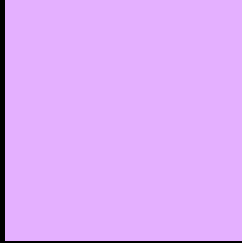
Large Text (above 18pt) WCAG AA × Fail

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 54.7646, 0.2953, 0.2466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

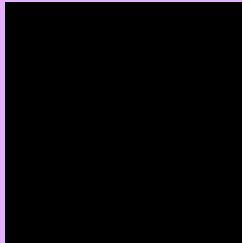
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7646, 0.2953, 0.2466

Background



This preview shows how black text looks on a background with the Yxy color 54.7646, 0.2953, 0.2466.



This preview shows how white text looks on a background with the Yxy color 54.7646, 0.2953, 0.2466.

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

54.7646, 0.2953, 0.2466

Protanopia

55.2686, 0.2611, 0.2591

Deuteranopia

55.0418, 0.2672, 0.2606



Tritanopia

54.9733, 0.3293, 0.3130

Trichromacy



Original Color

54.7646, 0.2953, 0.2466



Protanomaly

54.4964, 0.2723, 0.2533



Deuteranomaly

54.6272, 0.2770, 0.2549



Tritanomaly

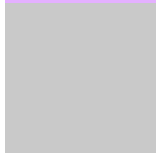
54.7754, 0.3163, 0.2868

Monochromacy



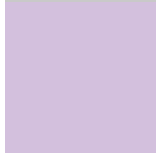
Original Color

54.7646, 0.2953, 0.2466



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.7686, 0.3064, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7646, 0.2953, 0.2466 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(228, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 176, 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(228, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 176, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.7646, 0.2953, 0.2466 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(228, 176, 255) }
```

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

```
.border{ border-color:rgb(228, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 176,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7646, 0.2953, 0.2466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 176, 255) }
```

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

```
.background{ background-color: rgb(228,  
176, 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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