

Converting Colors

Yxy(59.7964, 0.2811, 0.2241)

Have a look what the booklet for
Yxy(59.7964, 0.2811, 0.2241)
contains.

Yxy(57.6373, 0.3030, 0.2515)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.6373, 0.3030, 0.2515)

Conversions

Conversions Part 1

Format	Color
Hex	EEB3FF
RGB	238, 179, 255
RGB Percent	93%, 70%, 100%
CMY	0.0666, 0.2981, 0.0000
CMYK	0.07, 0.30, 0.00, 0.00
HSL	287°, 100%, 85%
HSV	287°, 30%, 100%
XYZ	69.4398, 57.6373, 102.0971
YIQ	205.3050, 10.7680, 36.1440

Conversions

Conversions Part 2

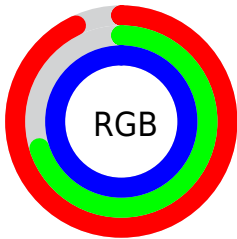
Format	Color
R _Y B	238, 179, 255
Decimal	15643647
CIE Lab	80.54, 34.22, -29.31
CIE LCh	81, 45.058, 319.416
Yxy	57.6373, 0.3030, 0.2515
Android (android.graphics.Color)	4293833727 (0xFFEEB3FF)
YUV	205.3050, 24.4996, 28.6735
Hunter-Lab	75.9192, 30.4069, -26.5904

Details

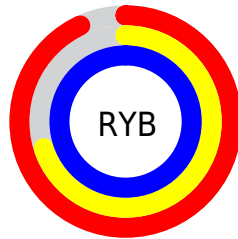
The Yxy color $57.6373, 0.3030, 0.2515$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.5051, 0.3189, 0.4139$, and the grayscale version is $61.0910, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $28.8227, 0.2995, 0.2351$ is the 20% darker color. If you saturate the color by 10%, you get $47.3746, 0.2985, 0.2248$, and if you desaturate by 10%, it is $69.8221, 0.3069, 0.2784$.

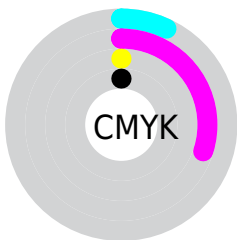
Distribution



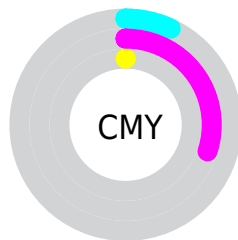
- Red (93%)
- Green (70%)
- Blue (100%)



- Red (93%)
- Yellow (70%)
- Blue (100%)



- Cyan (7%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)




- Cyan (7%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6373, 0.3030, 0.2515 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 57.6373, 0.3030, 0.2515 by changing the saturation by 10% instead.

 57.6373, 0.3030,
0.2515

 57.6373, 0.3030,
0.2515


415.8331, 0.3085,
0.2864

 41.5171, 0.3015,
0.2438


 101.3945, 0.3051,
0.2634

 28.7234, 0.2996,
0.2344

129.8003, 0.3058,
0.2681

 18.8717, 0.2970,
0.2228


163.0701, 0.3065,
0.2722

 11.5776, 0.2933,
0.2081

201.5883, 0.3070,
0.2757

 6.4567, 0.2879,
0.1888

245.7394, 0.3075,
0.2789

 3.1247, 0.2792,
0.1629


295.9075, 0.3078,

 1.1972, 0.2641,

0.2817

0.1267

352.4773, 0.3082,
0.2842


 0.0594, 0.2491,
0.0166


 0.0000, 0.0000,
0.0000


 57.6373, 0.3030,
0.2515


 57.6373, 0.3030,
0.2515

 47.3746, 0.2985,
0.2248


 69.8221, 0.3069,
0.2784

 38.9278, 0.2935,
0.1993

 84.0241, 0.3101,
0.3045

 32.1826, 0.2879,
0.1760

100.0000, 0.3127,
0.3290

 27.0112, 0.2820,
0.1561

■ 23.2671, 0.2759,
0.1404

■ 20.7760, 0.2699,
0.1295

■ 19.2590, 0.2640,
0.1228

■ 19.2335, 0.2639,
0.1227

Harmonies

Analogous

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



57.6373, 0.2510, 0.2375



57.6373, 0.3030, 0.2515



57.6373, 0.3630, 0.2819

Triad

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



57.6373, 0.3030, 0.2515



57.6373, 0.4135, 0.4101



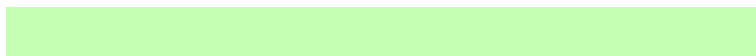
57.6373, 0.2221, 0.3228

Complementary

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



57.6373, 0.3030, 0.2515



86.5051, 0.3189, 0.4139

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.



57.6373, 0.2596, 0.3828



57.6373, 0.3030, 0.2515



57.6373, 0.3700, 0.4346

Square

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



57.6373, 0.3030, 0.2515



57.6373, 0.4299, 0.3688



57.6373, 0.3135, 0.4267



57.6373, 0.2079, 0.2724

Rectangle

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



57.6373, 0.3030, 0.2515



57.6373, 0.3979, 0.3087



57.6373, 0.3135, 0.4267



57.6373, 0.2322, 0.3428

Sweetspot

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



57.6379, 0.3030, 0.2515



85.2623, 0.3103, 0.3066



56.6105, 0.2621, 0.2624



17.7745, 0.3099, 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.



57.6379, 0.3030, 0.2515



51.0627, 0.3003, 0.2349



59.4787, 0.3319, 0.2730



18.0838, 0.3102, 0.3053



10.1192, 0.2648, 0.1232



1.0332, 0.2715, 0.1269

Inverse Universe

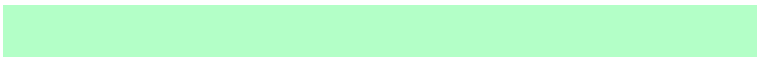
The Inverse Universe completely reimagines the original color for something new.



57.4800, 0.3648, 0.3115



50.9736, 0.3802, 0.3077



85.2381, 0.2979, 0.3925



18.0535, 0.3259, 0.3237



11.2811, 0.6016, 0.3088



1.1140, 0.5709, 0.2918

Previews

White Background



This preview shows how the Yxy color 57.6373, 0.3030, 0.2515 looks on a white background.

Color Contrast Check

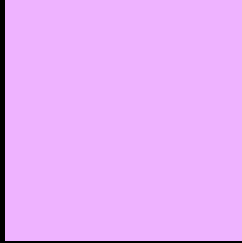
Large Text (above 18pt) WCAG AA × Fail

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 57.6373, 0.3030, 0.2515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

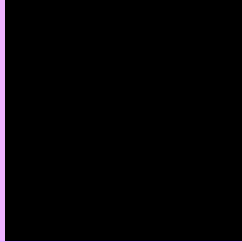
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6373, 0.3030, 0.2515

Background



This preview shows how black text looks on a background with the Yxy color 57.6373, 0.3030, 0.2515.



This preview shows how white text looks on a background with the Yxy color 57.6373, 0.3030, 0.2515.

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

57.6373, 0.3030, 0.2515

Protanopia

57.9225, 0.2661, 0.2646

Deuteranopia

57.8456, 0.2729, 0.2662



Tritanopia

57.5778, 0.3350, 0.3124

Trichromacy



Original Color

57.6373, 0.3030, 0.2515



Protanomaly

57.3190, 0.2782, 0.2590



Deuteranomaly

57.4741, 0.2830, 0.2605



Tritanomaly

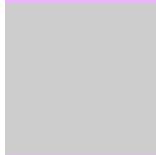
57.3493, 0.3228, 0.2880

Monochromacy



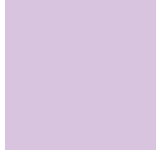
Original Color

57.6373, 0.3030, 0.2515



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.5593, 0.3095, 0.2989

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6373, 0.3030, 0.2515 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(238, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 179, 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(238, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 179, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.6373, 0.3030, 0.2515 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(238, 179, 255) }
```

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

```
.border{ border-color:rgb(238, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 179,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6373, 0.3030, 0.2515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 179, 255) }
```

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

```
.background{ background-color: rgb(238,  
179, 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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