

Converting Colors

$Y_{xy}(70.2689, 0.2408, 0.1784)$

Have a look what the booklet for
Yxy(70.2689, 0.2408, 0.1784)
contains.

Yxy(60.9378, 0.3029, 0.2597)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.9378, 0.3029, 0.2597)

Conversions

Conversions Part 1

Format	Color
Hex	EEBBFF
RGB	238, 187, 255
RGB Percent	93%, 73%, 100%
CMY	0.0668, 0.2666, 0.0000
CMYK	0.07, 0.27, 0.00, 0.00
HSL	285°, 100%, 87%
HSV	285°, 27%, 100%
XYZ	71.0745, 60.9378, 102.6346
YIQ	210.0010, 8.5680, 31.9600

Conversions

Conversions Part 2

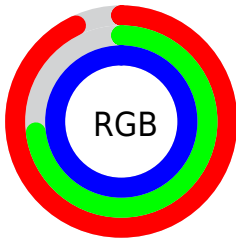
Format	Color
R _Y B	238, 187, 255
Decimal	15645695
CIE Lab	82.35, 29.93, -26.54
CIE LCh	82, 40.001, 318.438
Yxy	60.9378, 0.3029, 0.2597
Android (android.graphics.Color)	4293835775 (0xFFEEBBFF)
YUV	210.0010, 22.1845, 24.5551
Hunter-Lab	78.0627, 25.9111, -23.3089

Details

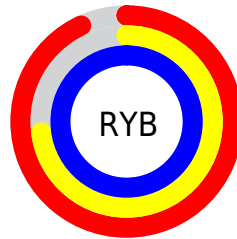
The Yxy color $60.9378, 0.3029, 0.2597$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87.9519, 0.3196, 0.4036$, and the grayscale version is $64.2967, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1814, 0.3132, 0.3185$, and $30.6760, 0.2995, 0.2441$ is the 20% darker color. If you saturate the color by 10%, you get $49.9768, 0.2980, 0.2326$, and if you desaturate by 10%, it is $73.8624, 0.3071, 0.2866$.

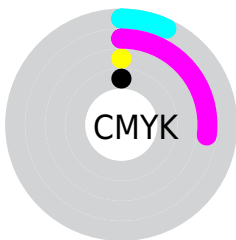
Distribution



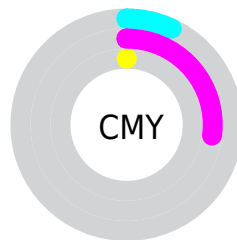
- Red (93%)
- Green (73%)
- Blue (100%)



- Red (93%)
- Yellow (73%)
- Blue (100%)



- Cyan (7%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9378, 0.3029, 0.2597 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 60.9378, 0.3029, 0.2597 by changing the saturation by 10% instead.


 60.9378, 0.3029,
0.2597

 60.9378, 0.3029,
0.2597

428.0459, 0.3082,
0.2909

 44.1750, 0.3015,
0.2528

 106.1889, 0.3049,
0.2703

 30.8081, 0.2997,
0.2444


135.4459, 0.3056,
0.2745

 20.4528, 0.2973,
0.2340


169.6365, 0.3062,
0.2782

 12.7246, 0.2940,
0.2208

209.1449, 0.3067,
0.2813

 7.2392, 0.2891,
0.2034

254.3557, 0.3072,
0.2841

 3.6121, 0.2815,
0.1798


305.6532, 0.3076,

 1.4590, 0.2684,


0.2866


0.1463

363.4218, 0.3079,
0.2889


 0.2596, 0.2510,
0.0662


 0.0000, 0.0000,
0.0000


 60.9378, 0.3029,
0.2597


 60.9378, 0.3029,
0.2597

 49.9768, 0.2980,
0.2326

 73.8624, 0.3071,
0.2866

 40.8722, 0.2924,
0.2061

 88.8400, 0.3107,
0.3125

 33.5144, 0.2862,
0.1815

100.0000, 0.3127,
0.3290

 27.7798, 0.2795,
0.1599

■ 23.5286, 0.2727,
0.1422

■ 20.5965, 0.2659,
0.1293

■ 18.7773, 0.2592,
0.1211

■ 18.3136, 0.2570,
0.1190

Harmonies

Analogous

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



60.9378, 0.2574, 0.2479



60.9378, 0.3029, 0.2597



60.9378, 0.3551, 0.2865

Triad

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



60.9378, 0.3029, 0.2597



60.9378, 0.4021, 0.3999



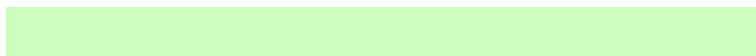
60.9378, 0.2338, 0.3259

Complementary

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



60.9378, 0.3029, 0.2597



87.9519, 0.3196, 0.4036

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.



60.9378, 0.2679, 0.3771



60.9378, 0.3029, 0.2597



60.9378, 0.3651, 0.4207

Square

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



60.9378, 0.3029, 0.2597



60.9378, 0.4149, 0.3638



60.9378, 0.3158, 0.4138



60.9378, 0.2202, 0.2812

Rectangle

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



60.9378, 0.3029, 0.2597



60.9378, 0.3856, 0.3104



60.9378, 0.3158, 0.4138



60.9378, 0.2431, 0.3431

Sweetspot

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



60.9395, 0.3029, 0.2597



86.7117, 0.3103, 0.3091



61.5185, 0.2682, 0.2731



18.0579, 0.3098, 0.3053



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.



60.9395, 0.3029, 0.2597



54.8486, 0.3004, 0.2452



63.0472, 0.3277, 0.2769



18.0579, 0.3098, 0.3053



9.6435, 0.2581, 0.1196



0.9904, 0.2656, 0.1237

Inverse Universe

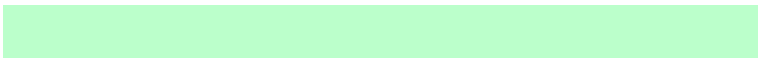
The Inverse Universe completely reimagines the original color for something new.



61.1688, 0.3561, 0.3115



55.1885, 0.3680, 0.3078



86.3927, 0.3006, 0.3874



18.0617, 0.3255, 0.3231



11.3214, 0.5934, 0.3043



1.1189, 0.5619, 0.2869

Previews

White Background



This preview shows how the Yxy color 60.9378, 0.3029, 0.2597 looks on a white background.

Color Contrast Check

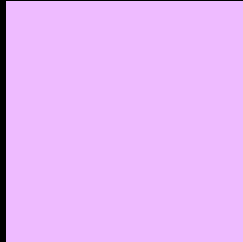
Large Text (above 18pt) WCAG AA × Fail

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 60.9378, 0.3029, 0.2597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

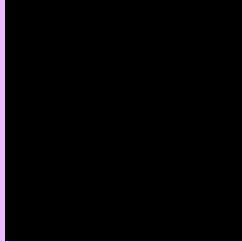
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9378, 0.3029, 0.2597

Background



This preview shows how black text looks on a background with the Yxy color 60.9378, 0.3029, 0.2597.



This preview shows how white text looks on a background with the Yxy color 60.9378, 0.3029, 0.2597.

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

60.9378, 0.3029, 0.2597

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

61.2191, 0.2787, 0.2728



Tritanopia

60.7223, 0.3295, 0.3115

Trichromacy



Original Color

60.9378, 0.3029, 0.2597



Protanomaly

60.7078, 0.2821, 0.2663



Deuteranomaly

60.8678, 0.2868, 0.2678



Tritanomaly

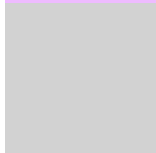
60.7378, 0.3200, 0.2916

Monochromacy



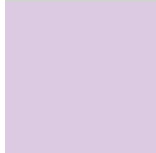
Original Color

60.9378, 0.3029, 0.2597



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.9477, 0.3094, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9378, 0.3029, 0.2597 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, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 187, 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, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 187, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.9378, 0.3029, 0.2597 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, 187, 255) }
```

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

```
.border{ border-color:rgb(238, 187, 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, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 187,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9378, 0.3029, 0.2597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 187, 255) }
```

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

```
.background{ background-color: rgb(238,  
187, 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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