

Converting Colors

$Yxy(60.9710, 0.3197, 0.2558)$

Have a look what the booklet for
Yxy(60.9710, 0.3197, 0.2558)
contains.

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Color

Yxy(60.2565, 0.3170, 0.2545)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2FE
RGB	255, 178, 254
RGB Percent	100%, 70%, 100%
CMY	0.0000, 0.3020, 0.0039
CMYK	0.00, 0.30, 0.00, 0.00
HSL	301°, 100%, 85%
HSV	301°, 30%, 100%
XYZ	75.0543, 60.2565, 101.4535
YIQ	209.6870, 21.4960, 39.9600

Conversions

Conversions Part 2

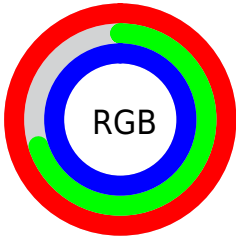
Format	Color
R _Y B	255, 178, 254
Decimal	16757502
CIE Lab	81.98, 39.83, -26.42
CIE LCh	82, 47.797, 326.448
Yxy	60.2565, 0.3170, 0.2545
Android (android.graphics.Color)	4294947582 (0xFFFFB2FE)
YUV	209.6870, 21.8463, 39.7395
Hunter-Lab	77.6251, 36.7446, -23.1526

Details

The Yxy color **60.2565, 0.3170, 0.2545** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **84.2388, 0.3080, 0.4168**, and the grayscale version is **64.0764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **30.3168, 0.3170, 0.2384** is the 20% darker color. If you saturate the color by 10%, you get **51.0146, 0.3184, 0.2308**, and if you desaturate by 10%, it is **71.3855, 0.3155, 0.2793**.

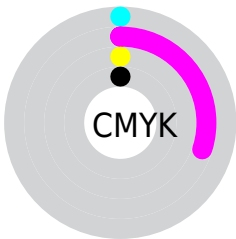
Distribution



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



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2565, 0.3170, 0.2545 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 60.2565, 0.3170, 0.2545 by changing the saturation by 10% instead.


 60.2565, 0.3170,
0.2545

 60.2565, 0.3170,
0.2545

425.5426, 0.3159,
0.2878

 43.6254, 0.3171,
0.2472


 105.2017, 0.3168,
0.2658

 30.3761, 0.3170,
0.2384


134.2845, 0.3166,
0.2703

 20.1243, 0.3169,
0.2274

168.2868, 0.3165,
0.2741

 12.4854, 0.3164,
0.2136

207.5928, 0.3164,
0.2775

 7.0752, 0.3153,
0.1956

252.5870, 0.3162,
0.2805

 3.5092, 0.3130,
0.1713


303.6538, 0.3161,


 1.4030, 0.3076,


0.2832

0.1375


361.1775, 0.3160,
0.2856


 0.2189, 0.3053,
0.0544


 0.0000, 0.1272,
0.0000

 60.2565, 0.3170,
0.2545


 60.2565, 0.3170,
0.2545

 51.0146, 0.3184,
0.2308

 71.3855, 0.3155,
0.2793

 43.5535, 0.3198,
0.2091

 84.4965, 0.3141,
0.3042

 37.7588, 0.3211,
0.1904

99.6801, 0.3127,
0.3285

 33.5023, 0.3222,
0.1755

100.0000, 0.3127,
0.3290

■ 30.6369, 0.3230,
0.1649

■ 28.9874, 0.3237,
0.1586

■ 28.2719, 0.3242,
0.1560

Harmonies

Analogous

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



60.2565, 0.2595, 0.2356



60.2565, 0.3170, 0.2545



60.2565, 0.3790, 0.2892

Triad

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



60.2565, 0.3170, 0.2545



60.2565, 0.4090, 0.4214



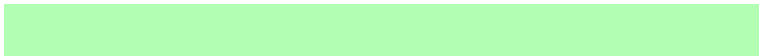
60.2565, 0.2126, 0.3082

Complementary

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



60.2565, 0.3170, 0.2545



84.2388, 0.3080, 0.4168

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.



60.2565, 0.2461, 0.3709



60.2565, 0.3170, 0.2545



60.2565, 0.3590, 0.4411

Square

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



60.2565, 0.3170, 0.2545



60.2565, 0.4342, 0.3808



60.2565, 0.2992, 0.4238



60.2565, 0.2040, 0.2606

Rectangle

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



60.2565, 0.3170, 0.2545



60.2565, 0.4120, 0.3182



60.2565, 0.2992, 0.4238



60.2565, 0.2211, 0.3284

Sweetspot

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



60.2571, 0.3170, 0.2545



86.2025, 0.3139, 0.3071



48.5251, 0.2590, 0.2401



18.0077, 0.3141, 0.3035



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.



60.2571, 0.3170, 0.2545



54.6701, 0.3178, 0.2406



58.0840, 0.3471, 0.2896



18.2962, 0.3140, 0.3059



14.7745, 0.3241, 0.1559



1.4398, 0.3237, 0.1557

Inverse Universe

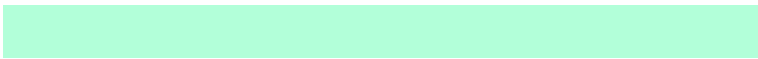
The Inverse Universe completely reimagines the original color for something new.



60.2571, 0.3170, 0.2545



54.6701, 0.3178, 0.2406



85.9686, 0.2883, 0.3723



18.2962, 0.3140, 0.3059



14.7745, 0.3241, 0.1559



1.4398, 0.3237, 0.1557

Previews

White Background



This preview shows how the Yxy color 60.2565, 0.3170, 0.2545 looks on a white background.

Color Contrast Check

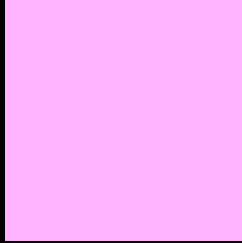
Large Text (above 18pt) WCAG AA × Fail

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 60.2565, 0.3170, 0.2545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

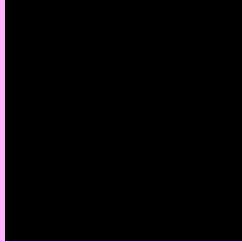
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2565, 0.3170, 0.2545

Background



This preview shows how black text looks on a background with the Yxy color 60.2565, 0.3170, 0.2545.

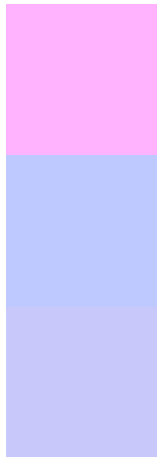


This preview shows how white text looks on a background with the Yxy color 60.2565, 0.3170, 0.2545.

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

60.2565, 0.3170, 0.2545

Protanopia

60.4082, 0.2698, 0.2698

Deuteranopia

60.6282, 0.2799, 0.2737



Tritanopia

60.1872, 0.3517, 0.3143

Trichromacy



Original Color

60.2565, 0.3170, 0.2545



Protanomaly

59.6561, 0.2854, 0.2626



Deuteranomaly

60.0365, 0.2931, 0.2662



Tritanomaly

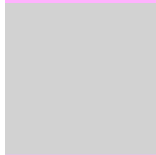
60.0107, 0.3392, 0.2909

Monochromacy



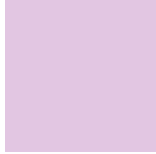
Original Color

60.2565, 0.3170, 0.2545



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.0479, 0.3141, 0.2986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2565, 0.3170, 0.2545 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(255, 178, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 254)  
}
```

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(255, 178, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 254) }
```

Border

The CSS property to change the border of an element to Yxy 60.2565, 0.3170, 0.2545 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(255, 178, 254) }
```

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

```
.border{ border-color:rgb(255, 178, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2565, 0.3170, 0.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 254) }
```

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

```
.background{ background-color: rgb(255,  
178, 254) }
```

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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