

Converting Colors

Yxy(60.0788, 0.3220, 0.2611)

Have a look what the booklet for
Yxy(60.0788, 0.3220, 0.2611)
contains.

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Color

Yxy(60.2156, 0.3223, 0.2617)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3F7
RGB	255, 179, 247
RGB Percent	100%, 70%, 97%
CMY	0.0000, 0.2981, 0.0313
CMYK	0.00, 0.30, 0.03, 0.00
HSL	306°, 100%, 85%
HSV	306°, 30%, 100%
XYZ	74.1593, 60.2156, 95.7191
YIQ	209.4760, 23.4680, 37.2600

Conversions

Conversions Part 2

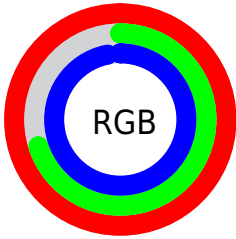
Format	Color
RYB	255, 179, 247
Decimal	16757751
CIELab	81.96, 38.08, -22.70
CIELCh	82, 44.338, 329.200
Yxy	60.2156, 0.3223, 0.2617
Android (android.graphics.Color)	4294947831 (0xFFFFB3F7)
YUV	209.4760, 18.4993, 39.9245
Hunter-Lab	77.5987, 34.7906, -18.8160

Details

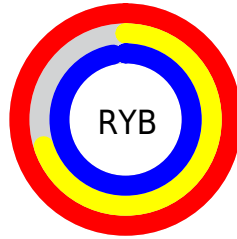
The Yxy color $60.2156, 0.3223, 0.2617$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $84.6891, 0.3044, 0.4071$, and the grayscale version is $63.9480, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4709, 0.3136, 0.3107$, and $30.2991, 0.3230, 0.2461$ is the 20% darker color. If you saturate the color by 10%, you get $50.7544, 0.3261, 0.2396$, and if you desaturate by 10%, it is $71.5609, 0.3187, 0.2845$.

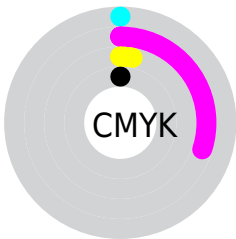
Distribution



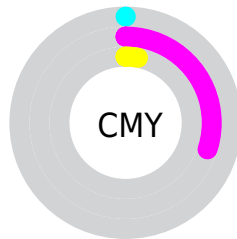
- Red (100%)
- Green (70%)
- Blue (97%)



- Red (100%)
- Yellow (70%)
- Blue (97%)



- Cyan (0%)
- Magenta (30%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2156, 0.3223, 0.2617 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 60.2156, 0.3223, 0.2617 by changing the saturation by 10% instead.


 60.2156, 0.3223,
0.2617

 60.2156, 0.3223,
0.2617


425.3920, 0.3185,
0.2920

 43.5924, 0.3230,
0.2550


 105.1424, 0.3211,
0.2720

 30.3502, 0.3238,
0.2469


134.2147, 0.3206,
0.2761

 20.1046, 0.3247,
0.2368


168.2057, 0.3202,
0.2796

 12.4711, 0.3257,
0.2239

207.4995, 0.3198,
0.2827

 7.0654, 0.3266,
0.2069

252.4807, 0.3194,
0.2854

 3.5030, 0.3273,
0.1838


303.5335, 0.3191,


 1.3996, 0.3267,


0.2879


0.1508

361.0425, 0.3188,
0.2900


 0.2165, 0.3355,
0.0620


 0.0000, 0.1187,
0.0000


 60.2156, 0.3223,
0.2617


 60.2156, 0.3223,
0.2617

 50.7544, 0.3261,
0.2396


 71.5609, 0.3187,
0.2845

 43.0852, 0.3302,
0.2191

 84.8988, 0.3155,
0.3073

 37.0894, 0.3344,
0.2013

100.0000, 0.3127,
0.3290

 32.6393, 0.3386,
0.1871

■ 29.5889, 0.3426,
0.1771

■ 27.7641, 0.3464,
0.1717

■ 26.8862, 0.3498,
0.1701

■ 26.8728, 0.3499,
0.1701

Harmonies

Analogous

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



60.2156, 0.2676, 0.2424



60.2156, 0.3223, 0.2617



60.2156, 0.3790, 0.2956

Triad

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



60.2156, 0.3223, 0.2617



60.2156, 0.3992, 0.4182



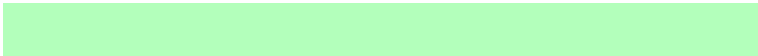
60.2156, 0.2175, 0.3053

Complementary

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



60.2156, 0.3223, 0.2617



84.6891, 0.3044, 0.4071

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.



60.2156, 0.2470, 0.3625



60.2156, 0.3223, 0.2617



60.2156, 0.3513, 0.4328

Square

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



60.2156, 0.3223, 0.2617



60.2156, 0.4248, 0.3820



60.2156, 0.2955, 0.4129



60.2156, 0.2114, 0.2625

Rectangle

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



60.2156, 0.3223, 0.2617



60.2156, 0.4081, 0.3233



60.2156, 0.2955, 0.4129



60.2156, 0.2248, 0.3236

Sweetspot

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



60.2115, 0.3223, 0.2617



86.0670, 0.3153, 0.3091



49.9684, 0.2650, 0.2427



17.9741, 0.3157, 0.3059



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.



60.2115, 0.3223, 0.2617



54.1397, 0.3246, 0.2479



58.1183, 0.3531, 0.2977



18.2655, 0.3154, 0.3080



14.0549, 0.3494, 0.1698



1.3775, 0.3457, 0.1678

Inverse Universe

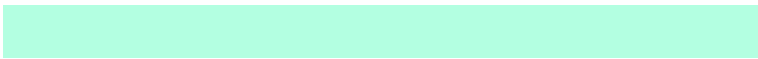
The Inverse Universe completely reimagines the original color for something new.



60.2115, 0.3223, 0.2617



54.1397, 0.3246, 0.2479



86.5164, 0.2847, 0.3628



18.2655, 0.3154, 0.3080



14.0549, 0.3494, 0.1698



1.3775, 0.3457, 0.1678

Previews

White Background



This preview shows how the Yxy color 60.2156, 0.3223, 0.2617 looks on a white background.

Color Contrast Check

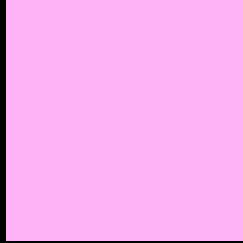
Large Text (above 18pt) WCAG AA × Fail

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 60.2156, 0.3223, 0.2617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

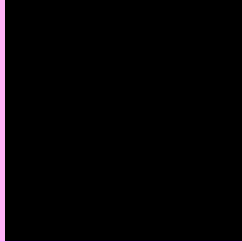
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2156, 0.3223, 0.2617

Background



This preview shows how black text looks on a background with the Yxy color 60.2156, 0.3223, 0.2617.



This preview shows how white text looks on a background with the Yxy color 60.2156, 0.3223, 0.2617.

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

60.2156, 0.3223, 0.2617

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.2970, 0.2870, 0.2801



Tritanopia

60.3704, 0.3526, 0.3144

Trichromacy



Original Color

60.2156, 0.3223, 0.2617



Protanomaly

59.9080, 0.2874, 0.2665



Deuteranomaly

59.9189, 0.2993, 0.2733



Tritanomaly

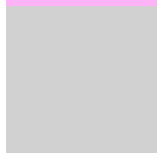
60.2691, 0.3415, 0.2949

Monochromacy



Original Color

60.2156, 0.3223, 0.2617



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

61.8846, 0.3163, 0.3017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2156, 0.3223, 0.2617 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, 179, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 247)  
}
```

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, 179, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 247) }
```

Border

The CSS property to change the border of an element to Yxy 60.2156, 0.3223, 0.2617 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, 179, 247) }
```

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

```
.border{ border-color:rgb(255, 179, 247) }
```

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

Here you see how a box with a 4 pixel rgb(255, 179, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2156, 0.3223, 0.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 247) }
```

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

```
.background{ background-color: rgb(255,  
179, 247) }
```

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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