

Converting Colors

$Y_{xy}(60.1676, 0.3216, 0.2635)$

Have a look what the booklet for
Yxy(60.1676, 0.3216, 0.2635)
contains.

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Color

Yxy(60.1790, 0.3214, 0.2633)

Conversions

Conversions Part 1

Format	Color
Hex	FDB4F6
RGB	253, 180, 246
RGB Percent	99%, 71%, 96%
CMY	0.0079, 0.2941, 0.0354
CMYK	0.00, 0.29, 0.03, 0.01
HSL	306°, 95%, 85%
HSV	306°, 29%, 99%
XYZ	73.4581, 60.1790, 94.9196
YIQ	209.3510, 22.3220, 36.0020

Conversions

Conversions Part 2

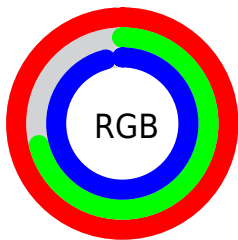
Format	Color
R _Y B	253, 180, 246
Decimal	16626934
CIE Lab	81.94, 36.71, -22.20
CIE LCh	82, 42.906, 328.837
Yxy	60.1790, 0.3214, 0.2633
Android (android.graphics.Color)	4294817014 (0xFFFD B4F6)
YUV	209.3510, 18.0680, 38.2802
Hunter-Lab	77.5751, 33.2704, -18.2437

Details

The Yxy color $60.1790, 0.3214, 0.2633$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $83.5366, 0.3050, 0.4050$, and the grayscale version is $63.8718, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $30.2415, 0.3218, 0.2479$ is the 20% darker color. If you saturate the color by 10%, you get $50.7333, 0.3250, 0.2409$, and if you desaturate by 10%, it is $71.4961, 0.3181, 0.2864$.

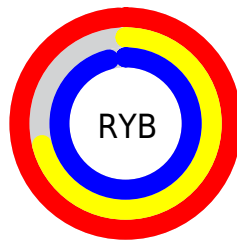
Distribution



Red (99%)

Green (71%)

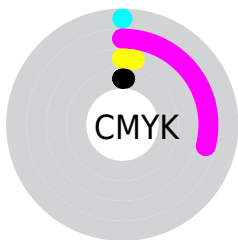
Blue (96%)



Red (99%)

Yellow (71%)

Blue (96%)

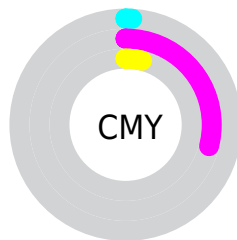


Cyan (0%)

Magenta (29%)

Yellow (3%)

Black (1%)



Cyan (1%)


Magenta (29%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1790, 0.3214, 0.2633 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 60.1790, 0.3214, 0.2633 by changing the saturation by 10% instead.


 60.1790, 0.3214,
0.2633

 60.1790, 0.3214,
0.2633

425.2572, 0.3180,
0.2929

 43.5629, 0.3220,
0.2567

 105.0893, 0.3203,
0.2734

 30.3270, 0.3227,
0.2488


134.1523, 0.3199,
0.2774

 20.0870, 0.3235,
0.2388


168.1331, 0.3195,
0.2808

 12.4583, 0.3243,
0.2261

207.4160, 0.3191,
0.2839

 7.0566, 0.3251,
0.2094

252.3855, 0.3188,
0.2865

 3.4975, 0.3255,
0.1865

303.4259, 0.3185,

 1.3967, 0.3245,

0.2889

0.1537

360.9217, 0.3182,
0.2910

0.2143, 0.3333,
0.0633

0.0000, 0.0759,
0.0000

60.1790, 0.3214,
0.2633

60.1790, 0.3214,
0.2633

50.7333, 0.3250,
0.2409

71.4961, 0.3181,
0.2864

43.0496, 0.3288,
0.2201

84.7703, 0.3151,
0.3093

37.0192, 0.3326,
0.2019

99.5094, 0.3125,
0.3307

32.5183, 0.3365,
0.1872

99.6204, 0.3115,
0.3290

■ 29.4059, 0.3402,
0.1767

■ 27.5146, 0.3437,
0.1707

■ 26.6004, 0.3468,
0.1687

■ 26.5213, 0.3472,
0.1686

Harmonies

Analogous

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



60.1790, 0.2685, 0.2447



60.1790, 0.3214, 0.2633



60.1790, 0.3763, 0.2962

Triad

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



60.1790, 0.3214, 0.2633



60.1790, 0.3971, 0.4152



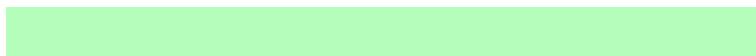
60.1790, 0.2205, 0.3069

Complementary

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



60.1790, 0.3214, 0.2633



83.5366, 0.3050, 0.4050

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.



60.1790, 0.2496, 0.3622



60.1790, 0.3214, 0.2633



60.1790, 0.3510, 0.4294

Square

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



60.1790, 0.3214, 0.2633



60.1790, 0.4214, 0.3802



60.1790, 0.2969, 0.4104



60.1790, 0.2142, 0.2650

Rectangle

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



60.1790, 0.3214, 0.2633



60.1790, 0.4046, 0.3232



60.1790, 0.2969, 0.4104



60.1790, 0.2277, 0.3246

Sweetspot

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



60.1817, 0.3214, 0.2633



86.0803, 0.3151, 0.3089



50.1906, 0.2660, 0.2457



17.9774, 0.3156, 0.3056



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.



60.1817, 0.3214, 0.2633



55.1222, 0.3236, 0.2494



58.2029, 0.3503, 0.2976



18.2685, 0.3153, 0.3078



14.1219, 0.3467, 0.1684



1.3834, 0.3434, 0.1665

Inverse Universe

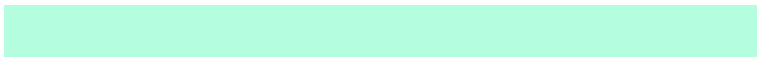
The Inverse Universe completely reimagines the original color for something new.



60.1817, 0.3214, 0.2633



55.1222, 0.3236, 0.2494



85.2532, 0.2861, 0.3629



18.2685, 0.3153, 0.3078



14.1219, 0.3467, 0.1684



1.3834, 0.3434, 0.1665

Previews

White Background



This preview shows how the Yxy color 60.1790, 0.3214, 0.2633 looks on a white background.

Color Contrast Check

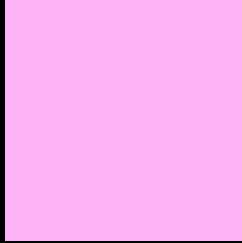
Large Text (above 18pt) WCAG AA × Fail

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 60.1790, 0.3214, 0.2633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

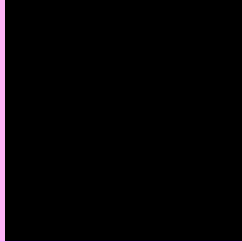
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1790, 0.3214, 0.2633

Background



This preview shows how black text looks on a background with the Yxy color 60.1790, 0.3214, 0.2633.



This preview shows how white text looks on a background with the Yxy color 60.1790, 0.3214, 0.2633.

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

60.1790, 0.3214, 0.2633

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.2368, 0.2876, 0.2812



Tritanopia

60.0524, 0.3501, 0.3132

Trichromacy



Original Color

60.1790, 0.3214, 0.2633



Protanomaly

59.9080, 0.2874, 0.2665



Deuteranomaly

59.6999, 0.2992, 0.2742



Tritanomaly

59.9521, 0.3391, 0.2937

Monochromacy



Original Color

60.1790, 0.3214, 0.2633



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

61.6696, 0.3163, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1790, 0.3214, 0.2633 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(253, 180, 246)` looks like.

```
.text, #text, p{  
    color:rgb(253, 180, 246)  
}
```

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(253, 180, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 180, 246) }
```

Border

The CSS property to change the border of an element to Yxy 60.1790, 0.3214, 0.2633 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(253, 180, 246) }
```

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

```
.border{ border-color:rgb(253, 180, 246) }
```

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

Here you see how a box with a 4 pixel rgb(253, 180, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 180, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 180, 246);  
box-shadow:4px 4px 4px 4px rgb(253, 180,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1790, 0.3214, 0.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 180, 246) }
```

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

```
.background{ background-color: rgb(253,  
180, 246) }
```

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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