

Converting Colors

$Y_{xy}(59.8978, 0.3222, 0.2818)$

Have a look what the booklet for
Yxy(59.8978, 0.3222, 0.2818)
contains.

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Color

Yxy(60.0676, 0.3221, 0.2820)

Conversions

Conversions Part 1

Format	Color
Hex	F1BBE8
RGB	241, 187, 232
RGB Percent	95%, 73%, 91%
CMY	0.0549, 0.2666, 0.0902
CMYK	0.00, 0.22, 0.04, 0.05
HSL	310°, 66%, 84%
HSV	310°, 22%, 95%
XYZ	68.6091, 60.0676, 84.3289
YIQ	208.2760, 17.7390, 25.4430

Conversions

Conversions Part 2

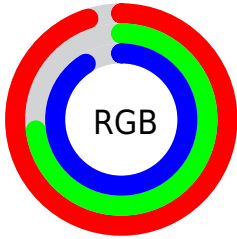
Format	Color
R _Y B	241, 187, 232
Decimal	15842280
CIE Lab	81.87, 26.65, -14.92
CIE LCh	82, 30.540, 330.758
Yxy	60.0676, 0.3221, 0.2820
Android (android.graphics.Color)	4294032360 (0xFFFF1BBE8)
YUV	208.2760, 11.6959, 28.6989
Hunter-Lab	77.5033, 22.3848, -10.2593

Details

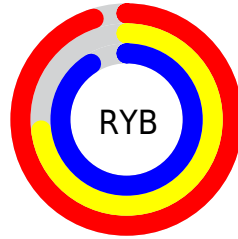
The Yxy color $60.0676, 0.3221, 0.2820$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $77.4545, 0.3046, 0.3810$, and the grayscale version is $63.1803, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $30.1000, 0.3240, 0.2710$ is the 20% darker color. If you saturate the color by 10%, you get $50.4630, 0.3272, 0.2606$, and if you desaturate by 10%, it is $71.3984, 0.3176, 0.3034$.

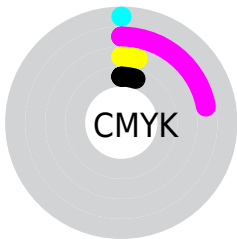
Distribution



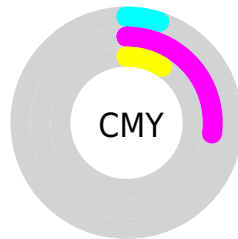
- Red (95%)
- Green (73%)
- Blue (91%)



- Red (95%)
- Yellow (73%)
- Blue (91%)



- Cyan (0%)
- Magenta (22%)
- Yellow (4%)
- Black (5%)




- Cyan (5%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0676, 0.3221, 0.2820 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 60.0676, 0.3221, 0.2820 by changing the saturation by 10% instead.


 60.0676, 0.3221,
0.2820

 60.0676, 0.3221,
0.2820


424.8469, 0.3180,
0.3036

 43.4731, 0.3230,
0.2771


 104.9277, 0.3207,
0.2895

 30.2565, 0.3240,
0.2711


133.9622, 0.3202,
0.2924

 20.0334, 0.3253,
0.2635


167.9120, 0.3197,
0.2949

 12.4193, 0.3269,
0.2536

207.1618, 0.3193,
0.2971

 7.0299, 0.3289,
0.2403

252.0957, 0.3189,
0.2990

 3.4808, 0.3314,
0.2215

303.0983, 0.3186,

 1.3876, 0.3344,

0.3007

0.1929

360.5539, 0.3183,
0.3022

0.2076, 0.3596,
0.0880

0.0000, 0.0000,
0.0000

60.0676, 0.3221,
0.2820

60.0676, 0.3221,
0.2820

50.4630, 0.3272,
0.2606

71.3984, 0.3176,
0.3034

42.4911, 0.3329,
0.2400

84.5270, 0.3136,
0.3242

36.0614, 0.3390,
0.2211

96.7524, 0.3103,
0.3398

31.0718, 0.3454,
0.2049

96.9987, 0.3080,
0.3358

■ 27.4076, 0.3519,
0.1924

■ 97.2502, 0.3058,
0.3319

■ 24.9365, 0.3583,
0.1843

■ 97.4387, 0.3041,
0.3290

■ 23.4991, 0.3645,
0.1807

■ 22.9113, 0.3689,
0.1806

Harmonies

Analogous

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



60.0676, 0.2834, 0.2674



60.0676, 0.3221, 0.2820



60.0676, 0.3603, 0.3074

Triad

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



60.0676, 0.3221, 0.2820



60.0676, 0.3723, 0.3928



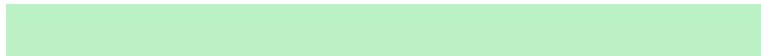
60.0676, 0.2447, 0.3121

Complementary

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



60.0676, 0.3221, 0.2820



77.4545, 0.3046, 0.3810

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.



60.0676, 0.2657, 0.3502



60.0676, 0.3221, 0.2820



60.0676, 0.3389, 0.3993

Square

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



60.0676, 0.3221, 0.2820



60.0676, 0.3900, 0.3697



60.0676, 0.2998, 0.3837



60.0676, 0.2408, 0.2822

Rectangle

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



60.0676, 0.3221, 0.2820



60.0676, 0.3794, 0.3279



60.0676, 0.2998, 0.3837



60.0676, 0.2499, 0.3244

Sweetspot

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



60.0702, 0.3221, 0.2820



88.9455, 0.3154, 0.3147



53.5112, 0.2805, 0.2672



18.8444, 0.3156, 0.3134



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.



60.0702, 0.3221, 0.2820



62.9453, 0.3244, 0.2720



58.6949, 0.3428, 0.3088



15.9836, 0.3163, 0.3095



12.4430, 0.3680, 0.1801



1.0470, 0.3607, 0.1761

Inverse Universe

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



60.0702, 0.3221, 0.2820



62.9453, 0.3244, 0.2720



78.7486, 0.2897, 0.3503



15.9836, 0.3163, 0.3095



12.4430, 0.3680, 0.1801



1.0470, 0.3607, 0.1761

Previews

White Background



This preview shows how the Yxy color 60.0676, 0.3221, 0.2820 looks on a white background.

Color Contrast Check

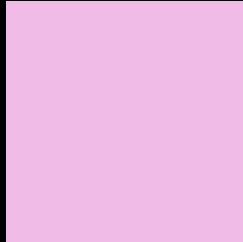
Large Text (above 18pt) WCAG AA × Fail

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 60.0676, 0.3221, 0.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

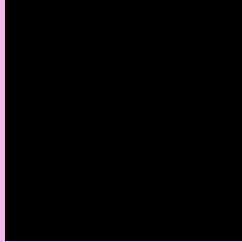
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0676, 0.3221, 0.2820

Background



This preview shows how black text looks on a background with the Yxy color 60.0676, 0.3221, 0.2820.



This preview shows how white text looks on a background with the Yxy color 60.0676, 0.3221, 0.2820.

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

60.0676, 0.3221, 0.2820

Protanopia

60.3876, 0.2815, 0.2838

Deuteranopia

60.4089, 0.3000, 0.2943



Tritanopia

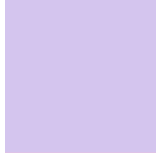
60.3326, 0.3395, 0.3139

Trichromacy



Original Color

60.0676, 0.3221, 0.2820



Protanomaly

60.1026, 0.2953, 0.2837



Deuteranomaly

60.3293, 0.3076, 0.2897



Tritanomaly

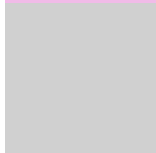
60.0839, 0.3335, 0.3023

Monochromacy



Original Color

60.0676, 0.3221, 0.2820



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.5340, 0.3159, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0676, 0.3221, 0.2820 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(241, 187, 232)` looks like.

```
.text, #text, p{  
    color:rgb(241, 187, 232)  
}
```

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(241, 187, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 187, 232) }
```

Border

The CSS property to change the border of an element to Yxy 60.0676, 0.3221, 0.2820 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(241, 187, 232) }
```

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

```
.border{ border-color:rgb(241, 187, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 187, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 187, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 187, 232);  
box-shadow:4px 4px 4px 4px rgb(241, 187,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0676, 0.3221, 0.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 187, 232) }
```

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

```
.background{ background-color: rgb(241,  
187, 232) }
```

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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