

Converting Colors

$Yxy(69.1600, 0.3235, 0.3062)$

Have a look what the booklet for
Yxy(69.1600, 0.3235, 0.3062)
contains.

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Color

Yxy(69.1600, 0.3235, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	F2CFE5
RGB	242, 207, 229
RGB Percent	95%, 81%, 90%
CMY	0.0511, 0.1882, 0.1019
CMYK	0.00, 0.14, 0.05, 0.05
HSL	322°, 57%, 88%
HSV	322°, 14%, 95%
XYZ	73.0675, 69.1600, 83.6380
YIQ	219.9730, 13.7980, 14.2620

Conversions

Conversions Part 2

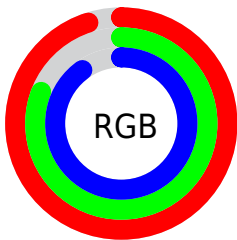
Format	Color
R_{YB}	242, 207, 229
Decimal	15912933
CIE Lab	86.58, 15.87, -6.30
CIE LCh	87, 17.070, 338.349
Yxy	69.1600, 0.3235, 0.3062
Android (android.graphics.Color)	4294103013 (0xFFFF2CFE5)
YUV	219.9730, 4.4503, 19.3177
Hunter-Lab	83.1625, 11.2977, -1.4152

Details

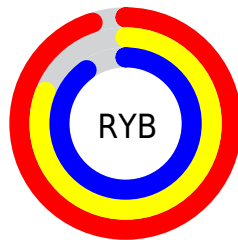
The Yxy color $69.1600, 0.3235, 0.3062$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $81.9200, 0.3033, 0.3529$, and the grayscale version is $71.5120, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.2776, 0.3259, 0.3010$ is the 20% darker color. If you saturate the color by 10%, you get $57.8339, 0.3327, 0.2896$, and if you desaturate by 10%, it is $82.3147, 0.3157, 0.3222$.

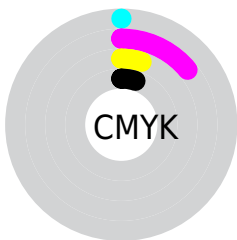
Distribution



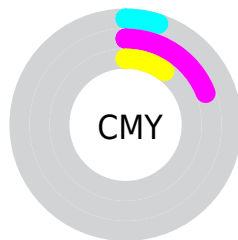
- Red (95%)
- Green (81%)
- Blue (90%)



- Red (95%)
- Yellow (81%)
- Blue (90%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (5%)





- Cyan (5%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1600, 0.3235, 0.3062 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 69.1600, 0.3235, 0.3062 by changing the saturation by 10% instead.


 69.1600, 0.3235,
0.3062

 69.1600, 0.3235,
0.3062


457.5951, 0.3186,
0.3167

 50.8420, 0.3246,
0.3038


118.0101, 0.3218,
0.3098

 36.0829, 0.3260,
0.3009


149.3110, 0.3211,
0.3112

 24.4982, 0.3277,
0.2973


185.7083, 0.3206,
0.3124

 15.7036, 0.3300,
0.2925

227.5864, 0.3201,
0.3135

 9.3147, 0.3330,
0.2860

275.3298, 0.3196,
0.3144

 4.9470, 0.3374,
0.2768

329.3227, 0.3192,

 2.2162, 0.3441,

0.3153

0.2626

389.9497, 0.3189,
0.3160

0.7288, 0.3568,
0.2357

0.0000, 0.4939,
0.0000

69.1600, 0.3235,
0.3062

69.1600, 0.3235,
0.3062

57.8339, 0.3327,
0.2896

82.3147, 0.3157,
0.3222

48.2454, 0.3435,
0.2730

97.1044, 0.3093,
0.3369

40.3094, 0.3559,
0.2568

97.6120, 0.3047,
0.3290

33.9298, 0.3700,
0.2421

■ 29.0007, 0.3855,
0.2300

■ 25.4027, 0.4020,
0.2216

■ 22.9973, 0.4189,
0.2180

■ 21.6151, 0.4356,
0.2196

■ 21.1489, 0.4446,
0.2223

Harmonies

Analogous

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



69.1600, 0.3023, 0.2962



69.1600, 0.3235, 0.3062



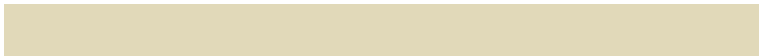
69.1600, 0.3423, 0.3218

Triad

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



69.1600, 0.3235, 0.3062



69.1600, 0.3410, 0.3649



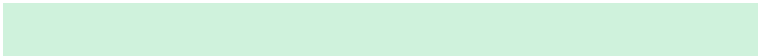
69.1600, 0.2740, 0.3161

Complementary

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



69.1600, 0.3235, 0.3062



81.9200, 0.3033, 0.3529

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.



69.1600, 0.2837, 0.3355



69.1600, 0.3235, 0.3062



69.1600, 0.3221, 0.3645

Square

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



69.1600, 0.3235, 0.3062



69.1600, 0.3525, 0.3555



69.1600, 0.3012, 0.3536



69.1600, 0.2743, 0.3013

Rectangle

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



69.1600, 0.3235, 0.3062



69.1600, 0.3506, 0.3337



69.1600, 0.3012, 0.3536



69.1600, 0.2762, 0.3223

Sweetspot

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



69.1630, 0.3235, 0.3062



93.4228, 0.3154, 0.3228



66.2314, 0.2984, 0.2915



19.7398, 0.3160, 0.3217



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.



69.1630, 0.3235, 0.3062



74.4003, 0.3257, 0.3019



68.2421, 0.3361, 0.3242



15.9263, 0.3195, 0.3142



11.3918, 0.4420, 0.2209



0.9668, 0.4218, 0.2097

Inverse Universe

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



69.1630, 0.3235, 0.3062



74.4003, 0.3257, 0.3019



82.8869, 0.2933, 0.3339



15.9263, 0.3195, 0.3142



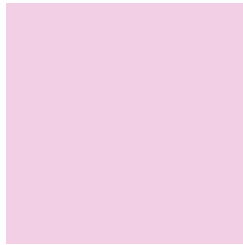
11.3918, 0.4420, 0.2209



0.9668, 0.4218, 0.2097

Previews

White Background



This preview shows how the Yxy color 69.1600, 0.3235, 0.3062 looks on a white background.

Color Contrast Check

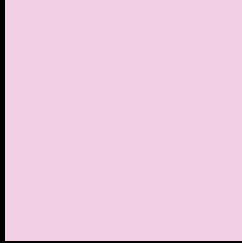
Large Text (above 18pt) WCAG AA × Fail

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 69.1600, 0.3235, 0.3062 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 69.1600, 0.3235, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 69.1600, 0.3235, 0.3062.



This preview shows how white text looks on a background with the Yxy color 69.1600, 0.3235, 0.3062.

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

69.1600, 0.3235, 0.3062

Protanopia

69.6512, 0.3009, 0.3094

Deuteranopia

69.0183, 0.3173, 0.3100



Tritanopia

69.1943, 0.3263, 0.3123

Trichromacy



Original Color

69.1600, 0.3235, 0.3062

Protanomaly

69.4222, 0.3086, 0.3087

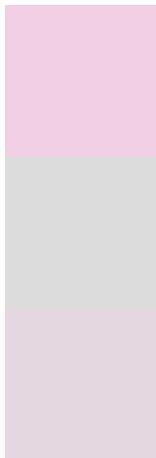
Deuteranomaly

69.0352, 0.3196, 0.3090

Tritanomaly

69.3035, 0.3248, 0.3103

Monochromacy



Original Color

69.1600, 0.3235, 0.3062

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.4226, 0.3168, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1600, 0.3235, 0.3062 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(242, 207, 229)` looks like.

```
.text, #text, p{  
    color:rgb(242, 207, 229)  
}
```

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(242, 207, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 207, 229) }
```

Border

The CSS property to change the border of an element to Yxy 69.1600, 0.3235, 0.3062 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(242, 207, 229) }
```

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

```
.border{ border-color:rgb(242, 207, 229) }
```

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

Here you see how a box with a 4 pixel rgb(242, 207, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 207, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 207, 229);  
box-shadow:4px 4px 4px 4px rgb(242, 207,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1600, 0.3235, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 207, 229) }
```

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

```
.background{ background-color: rgb(242,  
207, 229) }
```

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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