

Converting Colors

Yxy(61.3482, 0.3262, 0.2897)

Have a look what the booklet for
Yxy(61.3482, 0.3262, 0.2897)
contains.

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Color

Yxy(61.3056, 0.3257, 0.2893)

Conversions

Conversions Part 1

Format	Color
Hex	F2BEE4
RGB	242, 190, 228
RGB Percent	95%, 75%, 89%
CMY	0.0512, 0.2548, 0.1059
CMYK	0.00, 0.21, 0.06, 0.05
HSL	316°, 67%, 85%
HSV	316°, 21%, 95%
XYZ	69.0191, 61.3056, 81.5854
YIQ	209.8800, 18.7940, 22.8420

Conversions

Conversions Part 2

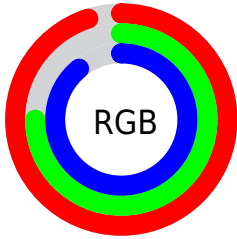
Format	Color
R_{YB}	242, 190, 228
Decimal	15908580
CIE _{Lab}	82.54, 24.66, -11.75
CIE _{LCh}	83, 27.319, 334.517
Yxy	61.3056, 0.3257, 0.2893
Android (android.graphics.Color)	4294098660 (0xFFFF2BEE4)
YUV	209.8800, 8.9332, 28.1692
Hunter-Lab	78.2979, 20.3254, -6.9709

Details

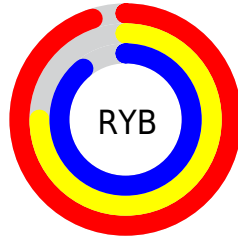
The Yxy color **61.3056, 0.3257, 0.2893** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.7811, 0.3018, 0.3723**, and the grayscale version is **64.2962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **30.9397, 0.3279, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **51.3266, 0.3333, 0.2702**, and if you desaturate by 10%, it is **73.0433, 0.3191, 0.3082**.

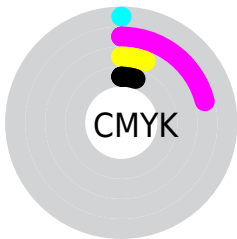
Distribution



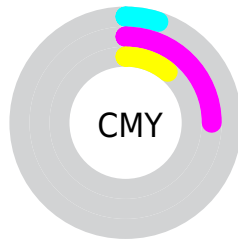
- Red (95%)
- Green (75%)
- Blue (89%)



- Red (95%)
- Yellow (75%)
- Blue (89%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (5%)




- Cyan (5%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3056, 0.3257, 0.2893 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 61.3056, 0.3257, 0.2893 by changing the saturation by 10% instead.


 61.3056, 0.3257,
0.2893

 61.3056, 0.3257,
0.2893


429.3936, 0.3198,
0.3076

 44.4718, 0.3270,
0.2851


 106.7213, 0.3237,
0.2956

 31.0416, 0.3286,
0.2800


136.0720, 0.3229,
0.2981

 20.6305, 0.3307,
0.2735


170.3639, 0.3222,
0.3002

 12.8542, 0.3333,
0.2651

209.9812, 0.3216,
0.3021

 7.3282, 0.3368,
0.2536

255.3085, 0.3211,
0.3037

 3.6682, 0.3416,
0.2373


306.7300, 0.3206,

 1.4898, 0.3488,


0.3052


0.2121

364.6303, 0.3202,
0.3064

 0.2815, 0.3800,
0.1230


 0.0000, 0.0000,
0.0000


 61.3056, 0.3257,
0.2893


 61.3056, 0.3257,
0.2893


 51.3266, 0.3333,
0.2702


 73.0433, 0.3191,
0.3082

 43.0122, 0.3420,
0.2515

 86.6116, 0.3135,
0.3264

 36.2720, 0.3517,
0.2343

 97.1337, 0.3089,
0.3363

 31.0036, 0.3622,
0.2193

 97.5434, 0.3053,
0.3299

■ 27.0922, 0.3732,
0.2079

■ 97.6074, 0.3047,
0.3290

■ 24.4064, 0.3845,
0.2009

■ 22.7882, 0.3956,
0.1988

■ 22.0380, 0.4047,
0.2003

Harmonies

Analogous

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



61.3056, 0.2907, 0.2747



61.3056, 0.3257, 0.2893



61.3056, 0.3587, 0.3132

Triad

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



61.3056, 0.3257, 0.2893



61.3056, 0.3627, 0.3875



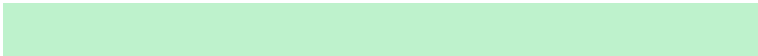
61.3056, 0.2506, 0.3104

Complementary

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



61.3056, 0.3257, 0.2893



78.7811, 0.3018, 0.3723

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.



61.3056, 0.2678, 0.3437



61.3056, 0.3257, 0.2893



61.3056, 0.3320, 0.3904

Square

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



61.3056, 0.3257, 0.2893



61.3056, 0.3804, 0.3688



61.3056, 0.2972, 0.3742



61.3056, 0.2490, 0.2850

Rectangle

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



61.3056, 0.3257, 0.2893



61.3056, 0.3742, 0.3320



61.3056, 0.2972, 0.3742



61.3056, 0.2546, 0.3210

Sweetspot

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



61.3083, 0.3257, 0.2893



90.3616, 0.3159, 0.3182



56.0671, 0.2865, 0.2708



19.1265, 0.3163, 0.3170



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.



61.3083, 0.3257, 0.2893



63.6511, 0.3291, 0.2805



59.9786, 0.3462, 0.3161



15.9546, 0.3179, 0.3119



11.8691, 0.4030, 0.1994



1.0039, 0.3897, 0.1921

Inverse Universe

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



61.3083, 0.3257, 0.2893



63.6511, 0.3291, 0.2805



80.1258, 0.2873, 0.3424



15.9546, 0.3179, 0.3119



11.8691, 0.4030, 0.1994



1.0039, 0.3897, 0.1921

Previews

White Background



This preview shows how the Yxy color 61.3056, 0.3257, 0.2893 looks on a white background.

Color Contrast Check

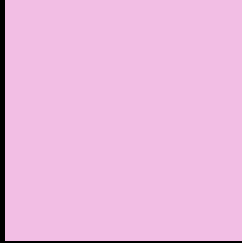
Large Text (above 18pt) WCAG AA × Fail

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 61.3056, 0.3257, 0.2893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

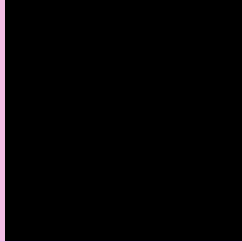
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3056, 0.3257, 0.2893

Background



This preview shows how black text looks on a background with the Yxy color 61.3056, 0.3257, 0.2893.



This preview shows how white text looks on a background with the Yxy color 61.3056, 0.3257, 0.2893.

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

61.3056, 0.3257, 0.2893

Protanopia

61.5795, 0.2876, 0.2917

Deuteranopia

61.3985, 0.3065, 0.3001



Tritanopia

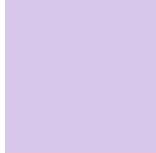
61.0447, 0.3386, 0.3129

Trichromacy



Original Color

61.3056, 0.3257, 0.2893



Protanomaly

61.2344, 0.3002, 0.2904



Deuteranomaly

61.0335, 0.3127, 0.2952



Tritanomaly

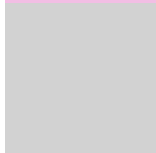
61.1308, 0.3340, 0.3045

Monochromacy



Original Color

61.3056, 0.3257, 0.2893



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

63.2512, 0.3173, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3056, 0.3257, 0.2893 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, 190, 228)` looks like.

```
.text, #text, p{  
    color:rgb(242, 190, 228)  
}
```

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, 190, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 190, 228) }
```

Border

The CSS property to change the border of an element to Yxy 61.3056, 0.3257, 0.2893 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, 190, 228) }
```

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

```
.border{ border-color:rgb(242, 190, 228) }
```

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

Here you see how a box with a 4 pixel rgb(242, 190, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 190, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 190, 228);  
box-shadow:4px 4px 4px 4px rgb(242, 190,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3056, 0.3257, 0.2893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 190, 228) }
```

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

```
.background{ background-color: rgb(242,  
190, 228) }
```

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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