

Converting Colors

$Y_{xy}(73.6752, 0.3193, 0.3054)$

Have a look what the booklet for
Yxy(73.6752, 0.3193, 0.3054)
contains.

Yxy(73.6200, 0.3196, 0.3056)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(73.6200, 0.3196, 0.3056)

Conversions

Conversions Part 1

Format	Color
Hex	F5D6ED
RGB	245, 214, 237
RGB Percent	96%, 84%, 93%
CMY	0.0392, 0.1608, 0.0705
CMYK	0.00, 0.13, 0.03, 0.04
HSL	315°, 61%, 90%
HSV	315°, 13%, 96%
XYZ	76.9926, 73.6200, 90.2905
YIQ	225.8910, 11.0930, 13.7250

Conversions

Conversions Part 2

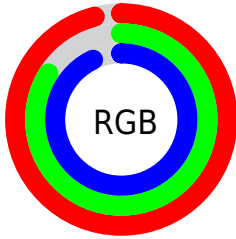
Format	Color
R _Y B	245, 214, 237
Decimal	16111341
CIE Lab	88.74, 14.62, -7.31
CIE LCh	89, 16.343, 333.437
Yxy	73.6200, 0.3196, 0.3056
Android (android.graphics.Color)	4294301421 (0xFFF5D6ED)
YUV	225.8910, 5.4767, 16.7586
Hunter-Lab	85.8021, 10.0194, -2.3301

Details

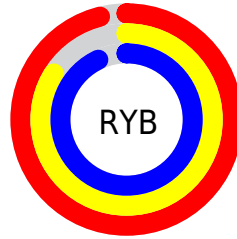
The Yxy color **73.6200, 0.3196, 0.3056** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.8777, 0.3065, 0.3536**, and the grayscale version is **75.9272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9513, 0.3217, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **61.7781, 0.3261, 0.2864**, and if you desaturate by 10%, it is **87.3464, 0.3140, 0.3242**.

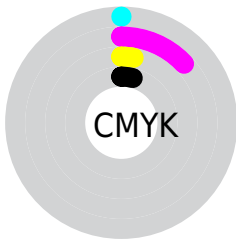
Distribution



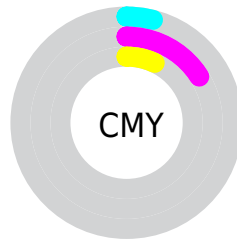
- Red (96%)
- Green (84%)
- Blue (93%)



- Red (96%)
- Yellow (84%)
- Blue (93%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (4%)




- Cyan (4%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6200, 0.3196, 0.3056 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 73.6200, 0.3196, 0.3056 by changing the saturation by 10% instead.


 73.6200, 0.3196,
0.3056

 73.6200, 0.3196,
0.3056


473.1608, 0.3165,
0.3162

 54.4831, 0.3203,
0.3032


124.3570, 0.3186,
0.3092

 38.9880, 0.3211,
0.3003


156.7258, 0.3181,
0.3107

 26.7504, 0.3221,
0.2967


194.2741, 0.3178,
0.3119

 17.3859, 0.3235,
0.2920

237.3862, 0.3175,
0.3130

 10.5100, 0.3252,
0.2857

286.4466, 0.3172,
0.3139

 5.7384, 0.3276,
0.2769

341.8395, 0.3169,

 2.6867, 0.3312,

0.3148

0.2635

403.9495, 0.3167,
0.3155

0.9704, 0.3369,
0.2411

0.0000, 0.3845,
0.0000

73.6200, 0.3196,
0.3056

73.6200, 0.3196,
0.3056

61.7781, 0.3261,
0.2864

87.3464, 0.3140,
0.3242

51.7280, 0.3336,
0.2670

97.8130, 0.3096,
0.3342

43.3834, 0.3420,
0.2482

98.1535, 0.3066,
0.3290

36.6472, 0.3514,
0.2309

■ 31.4126, 0.3615,
0.2162

■ 27.5595, 0.3720,
0.2051

■ 24.9496, 0.3827,
0.1984

■ 23.4154, 0.3931,
0.1967

■ 22.7882, 0.4006,
0.1980

Harmonies

Analogous

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



73.6200, 0.2999, 0.2973



73.6200, 0.3196, 0.3056



73.6200, 0.3380, 0.3196

Triad

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



73.6200, 0.3196, 0.3056



73.6200, 0.3417, 0.3618



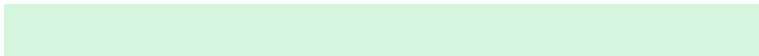
73.6200, 0.2772, 0.3198

Complementary

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



73.6200, 0.3196, 0.3056



84.8777, 0.3065, 0.3536

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.



73.6200, 0.2878, 0.3381



73.6200, 0.3196, 0.3056



73.6200, 0.3248, 0.3630

Square

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



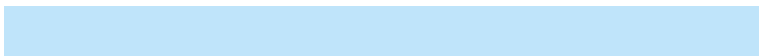
73.6200, 0.3196, 0.3056



73.6200, 0.3509, 0.3518



73.6200, 0.3050, 0.3542



73.6200, 0.2759, 0.3049

Rectangle

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



73.6200, 0.3196, 0.3056



73.6200, 0.3467, 0.3307



73.6200, 0.3050, 0.3542



73.6200, 0.2798, 0.3258

Sweetspot

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



73.6232, 0.3196, 0.3056



93.4959, 0.3147, 0.3217



70.1773, 0.2978, 0.2961



19.7584, 0.3151, 0.3204



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

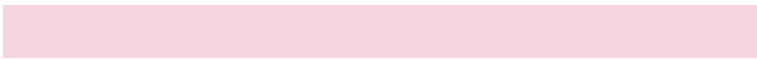
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6232, 0.3196, 0.3056



77.3589, 0.3211, 0.3011



72.7680, 0.3303, 0.3210



16.6912, 0.3177, 0.3116



12.2995, 0.3990, 0.1972



1.0976, 0.3870, 0.1906

Inverse Universe

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



73.6232, 0.3196, 0.3056



77.3589, 0.3211, 0.3011



85.7341, 0.2977, 0.3371



16.6912, 0.3177, 0.3116



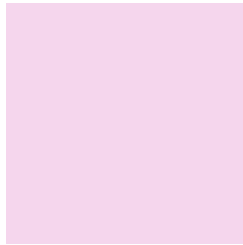
12.2995, 0.3990, 0.1972



1.0976, 0.3870, 0.1906

Previews

White Background



This preview shows how the Yxy color 73.6200, 0.3196, 0.3056 looks on a white background.

Color Contrast Check

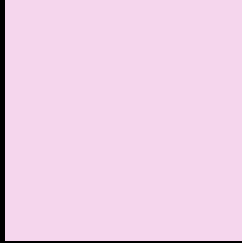
Large Text (above 18pt) WCAG AA × Fail

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 73.6200, 0.3196, 0.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

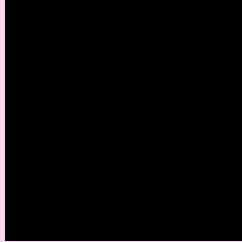
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6200, 0.3196, 0.3056

Background



This preview shows how black text looks on a background with the Yxy color 73.6200, 0.3196, 0.3056.



This preview shows how white text looks on a background with the Yxy color 73.6200, 0.3196, 0.3056.

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

73.6200, 0.3196, 0.3056

Protanopia

74.0255, 0.2992, 0.3078

Deuteranopia

73.4033, 0.3144, 0.3073



Tritanopia

73.6602, 0.3223, 0.3116

Trichromacy



Original Color

73.6200, 0.3196, 0.3056

Protanomaly

73.7773, 0.3067, 0.3071

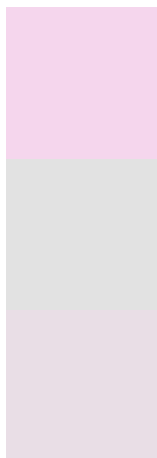
Deuteranomaly

73.4161, 0.3167, 0.3064

Tritanomaly

73.7745, 0.3209, 0.3096

Monochromacy



Original Color

73.6200, 0.3196, 0.3056

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.2794, 0.3152, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6200, 0.3196, 0.3056 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(245, 214, 237)` looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 237)  
}
```

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(245, 214, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 237) }
```

Border

The CSS property to change the border of an element to Yxy 73.6200, 0.3196, 0.3056 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(245, 214, 237) }
```

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

```
.border{ border-color:rgb(245, 214, 237) }
```

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

Here you see how a box with a 4 pixel rgb(245, 214, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6200, 0.3196, 0.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 237) }
```

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

```
.background{ background-color: rgb(245,  
214, 237) }
```

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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