

Converting Colors

$Yxy(73.1467, 0.3228, 0.3085)$

Have a look what the booklet for
Yxy(73.1467, 0.3228, 0.3085)
contains.

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Color

Yxy(73.0645, 0.3232, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	F6D5E9
RGB	246, 213, 233
RGB Percent	96%, 84%, 91%
CMY	0.0351, 0.1648, 0.0862
CMYK	0.00, 0.13, 0.05, 0.04
HSL	324°, 65%, 90%
HSV	324°, 13%, 96%
XYZ	76.5212, 73.0645, 87.1755
YIQ	225.1470, 13.2480, 13.2160

Conversions

Conversions Part 2

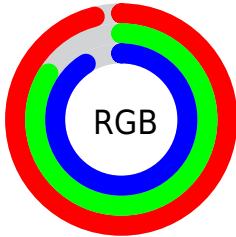
Format	Color
R _Y B	246, 213, 233
Decimal	16176617
CIE Lab	88.48, 14.80, -5.58
CIE LCh	88, 15.818, 339.355
Yxy	73.0645, 0.3232, 0.3086
Android (android.graphics.Color)	4294366697 (0xFFFF6D5E9)
YUV	225.1470, 3.8715, 18.2881
Hunter-Lab	85.4778, 10.2102, -0.6331

Details

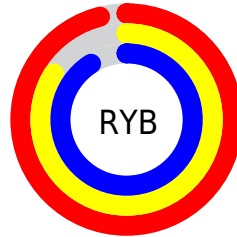
The Yxy color **73.0645, 0.3232, 0.3086** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.5733, 0.3035, 0.3503**, and the grayscale version is **75.3762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5752, 0.3264, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **61.0769, 0.3328, 0.2927**, and if you desaturate by 10%, it is **86.9666, 0.3152, 0.3239**.

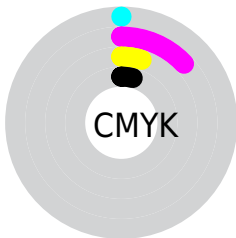
Distribution



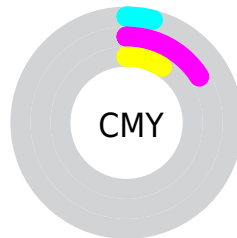
- Red (96%)
- Green (84%)
- Blue (91%)



- Red (96%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (4%)




- Cyan (4%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0645, 0.3232, 0.3086 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 73.0645, 0.3232, 0.3086 by changing the saturation by 10% instead.


 73.0645, 0.3232,
0.3086

 73.0645, 0.3232,
0.3086


471.2383, 0.3184,
0.3179

 54.0287, 0.3243,
0.3065

123.5688, 0.3216,
0.3118

 38.6246, 0.3256,
0.3040


155.8060, 0.3209,
0.3130

 26.4678, 0.3272,
0.3007


193.2126, 0.3204,
0.3141

 17.1739, 0.3294,
0.2966

236.1728, 0.3199,
0.3151

 10.3586, 0.3323,
0.2910

285.0711, 0.3195,
0.3159

 5.6374, 0.3364,
0.2831

340.2919, 0.3191,

 2.6258, 0.3426,

0.3166

0.2711

402.2195, 0.3187,
0.3173

0.9397, 0.3533,
0.2507

0.0000, 0.4935,
0.0000

73.0645, 0.3232,
0.3086

73.0645, 0.3232,
0.3086

61.0769, 0.3328,
0.2927

86.9666, 0.3152,
0.3239

50.9093, 0.3441,
0.2765

98.1746, 0.3087,
0.3315

42.4737, 0.3572,
0.2608

98.3405, 0.3072,
0.3290

35.6709, 0.3721,
0.2464

■ 30.3915, 0.3886,
0.2344

■ 26.5128, 0.4064,
0.2261

■ 23.8927, 0.4247,
0.2225

■ 22.3584, 0.4428,
0.2242

■ 21.7742, 0.4544,
0.2277

Harmonies

Analogous

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



73.0645, 0.3039, 0.2993



73.0645, 0.3232, 0.3086



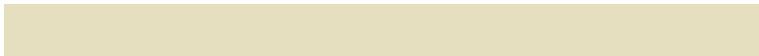
73.0645, 0.3401, 0.3230

Triad

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



73.0645, 0.3232, 0.3086



73.0645, 0.3380, 0.3618



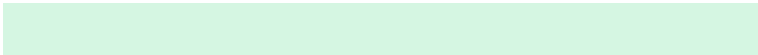
73.0645, 0.2773, 0.3168

Complementary

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



73.0645, 0.3232, 0.3086



85.5733, 0.3035, 0.3503

Split Complementary

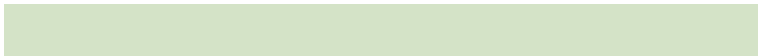
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0645, 0.2859, 0.3343



73.0645, 0.3232, 0.3086



73.0645, 0.3207, 0.3610

Square

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



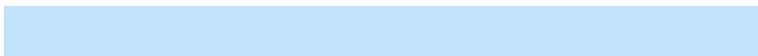
73.0645, 0.3232, 0.3086



73.0645, 0.3487, 0.3536



73.0645, 0.3016, 0.3508



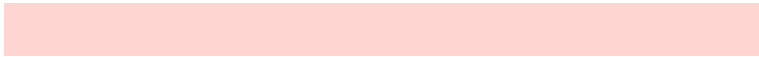
73.0645, 0.2778, 0.3034

Rectangle

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



73.0645, 0.3232, 0.3086



73.0645, 0.3474, 0.3339



73.0645, 0.3016, 0.3508



73.0645, 0.2792, 0.3224

Sweetspot

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



73.0677, 0.3232, 0.3086



93.4078, 0.3156, 0.3231



70.3529, 0.2999, 0.2943



19.7360, 0.3161, 0.3219



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

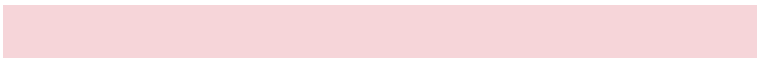
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0677, 0.3232, 0.3086



75.6821, 0.3255, 0.3045



72.1850, 0.3347, 0.3251



16.6513, 0.3199, 0.3148



11.6461, 0.4516, 0.2262



1.0438, 0.4308, 0.2147

Inverse Universe

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



73.0677, 0.3232, 0.3086



75.6821, 0.3255, 0.3045



86.5037, 0.2943, 0.3330



16.6513, 0.3199, 0.3148



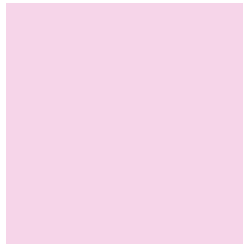
11.6461, 0.4516, 0.2262



1.0438, 0.4308, 0.2147

Previews

White Background



This preview shows how the Yxy color 73.0645, 0.3232, 0.3086 looks on a white background.

Color Contrast Check

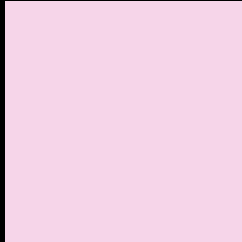
Large Text (above 18pt) WCAG AA × Fail

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 73.0645, 0.3232, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

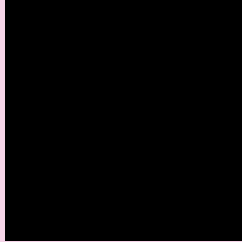
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0645, 0.3232, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 73.0645, 0.3232, 0.3086.



This preview shows how white text looks on a background with the Yxy color 73.0645, 0.3232, 0.3086.

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

73.0645, 0.3232, 0.3086

Protanopia

73.4155, 0.3024, 0.3109

Deuteranopia

73.3456, 0.3179, 0.3114



Tritanopia

72.8945, 0.3253, 0.3116

Trichromacy



Original Color

73.0645, 0.3232, 0.3086

Protanomaly

73.1879, 0.3101, 0.3101

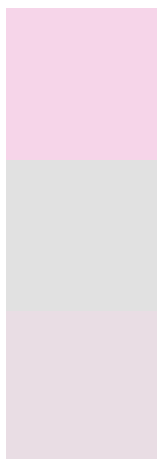
Deuteranomaly

73.3613, 0.3201, 0.3105

Tritanomaly

72.9509, 0.3246, 0.3106

Monochromacy



Original Color

73.0645, 0.3232, 0.3086

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.6380, 0.3166, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0645, 0.3232, 0.3086 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(246, 213, 233)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 233)  
}
```

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(246, 213, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 233) }
```

Border

The CSS property to change the border of an element to Yxy 73.0645, 0.3232, 0.3086 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(246, 213, 233) }
```

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

```
.border{ border-color:rgb(246, 213, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 213, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 233);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0645, 0.3232, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 233) }
```

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

```
.background{ background-color: rgb(246,  
213, 233) }
```

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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