

Converting Colors

$Y_{xy}(65.0778, 0.3290, 0.2980)$

Have a look what the booklet for
Yxy(65.0778, 0.3290, 0.2980)
contains.

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Color

Yxy(65.0714, 0.3290, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	F6C5E3
RGB	246, 197, 227
RGB Percent	96%, 77%, 89%
CMY	0.0352, 0.2274, 0.1098
CMYK	0.00, 0.20, 0.08, 0.04
HSL	323°, 73%, 87%
HSV	323°, 20%, 96%
XYZ	71.8406, 65.0714, 81.4484
YIQ	215.0710, 19.5740, 19.7180

Conversions

Conversions Part 2

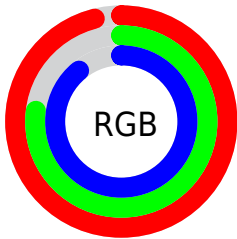
Format	Color
R_{YB}	246, 197, 227
Decimal	16172515
CIE _{Lab}	84.52, 22.18, -8.24
CIE _{LCh}	85, 23.661, 339.614
Yxy	65.0714, 0.3290, 0.2980
Android (android.graphics.Color)	4294362595 (0xFFFF6C5E3)
YUV	215.0710, 5.8810, 27.1247
Hunter-Lab	80.6668, 17.8022, -3.3977

Details

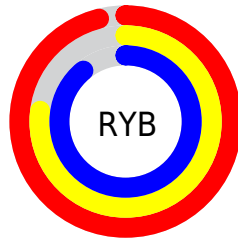
The Yxy color $65.0714, 0.3290, 0.2980$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $82.7478, 0.2993, 0.3622$, and the grayscale version is $67.9576, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3636, 0.3128, 0.3281$, and $33.4423, 0.3322, 0.2904$ is the 20% darker color. If you saturate the color by 10%, you get $54.2864, 0.3395, 0.2817$, and if you desaturate by 10%, it is $77.7144, 0.3201, 0.3139$.

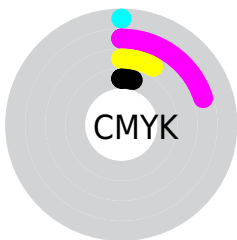
Distribution



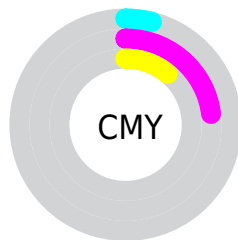
- Red (96%)
- Green (77%)
- Blue (89%)



- Red (96%)
- Yellow (77%)
- Blue (89%)



- Cyan (0%)
- Magenta (20%)
- Yellow (8%)
- Black (4%)




- Cyan (4%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0714, 0.3290, 0.2980 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 65.0714, 0.3290, 0.2980 by changing the saturation by 10% instead.

 65.0714, 0.3290,
0.2980

 65.0714, 0.3290,
0.2980


443.0485, 0.3215,
0.3123

 47.5190, 0.3307,
0.2948


112.1525, 0.3264,
0.3029

 33.4461, 0.3328,
0.2908


142.4500, 0.3254,
0.3049

 22.4684, 0.3355,
0.2857


177.7646, 0.3245,
0.3065

 14.2015, 0.3390,
0.2792

218.4807, 0.3238,
0.3080

 8.2609, 0.3437,
0.2703

264.9828, 0.3231,
0.3092

 4.2624, 0.3505,
0.2576

317.6552, 0.3225,

 1.8214, 0.3610,

0.3104

0.2380

376.8823, 0.3220,
0.3114

0.5004, 0.3871,
0.1882

0.0000, 0.0000,
0.0000

65.0714, 0.3290,
0.2980

65.0714, 0.3290,
0.2980

54.2864, 0.3395,
0.2817

77.7144, 0.3201,
0.3139

45.2619, 0.3518,
0.2656

92.2896, 0.3127,
0.3291

37.9047, 0.3658,
0.2505

98.3350, 0.3072,
0.3290

32.1095, 0.3816,
0.2374

■ 27.7586, 0.3986,
0.2276

■ 24.7178, 0.4165,
0.2221

■ 22.8270, 0.4344,
0.2217

■ 21.8229, 0.4518,
0.2263

■ 21.8164, 0.4519,
0.2263

Harmonies

Analogous

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



65.0714, 0.2990, 0.2838



65.0714, 0.3290, 0.2980



65.0714, 0.3556, 0.3196

Triad

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



65.0714, 0.3290, 0.2980



65.0714, 0.3515, 0.3802



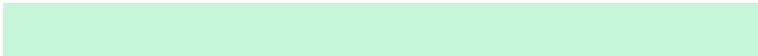
65.0714, 0.2583, 0.3092

Complementary

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



65.0714, 0.3290, 0.2980



82.7478, 0.2993, 0.3622

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.



65.0714, 0.2711, 0.3367



65.0714, 0.3290, 0.2980



65.0714, 0.3244, 0.3795

Square

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



65.0714, 0.3290, 0.2980



65.0714, 0.3687, 0.3666



65.0714, 0.2949, 0.3633



65.0714, 0.2593, 0.2890

Rectangle

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



65.0714, 0.3290, 0.2980



65.0714, 0.3671, 0.3361



65.0714, 0.2949, 0.3633



65.0714, 0.2611, 0.3179

Sweetspot

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



65.0743, 0.3290, 0.2980



90.2474, 0.3170, 0.3200



61.1543, 0.2927, 0.2760



19.0994, 0.3175, 0.3190



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.



65.0743, 0.3290, 0.2980



65.5391, 0.3331, 0.2913



63.8264, 0.3478, 0.3231



16.6530, 0.3198, 0.3146



11.6717, 0.4492, 0.2248



1.0459, 0.4287, 0.2135

Inverse Universe

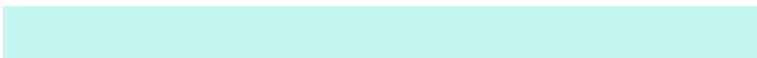
The Inverse Universe completely reimagines the original color for something new.



65.0743, 0.3290, 0.2980



65.5391, 0.3331, 0.2913



84.0982, 0.2859, 0.3351



16.6530, 0.3198, 0.3146



11.6717, 0.4492, 0.2248



1.0459, 0.4287, 0.2135

Previews

White Background



This preview shows how the Yxy color 65.0714, 0.3290, 0.2980 looks on a white background.

Color Contrast Check

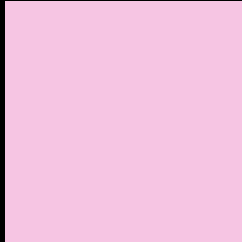
Large Text (above 18pt) WCAG AA × Fail

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 65.0714, 0.3290, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

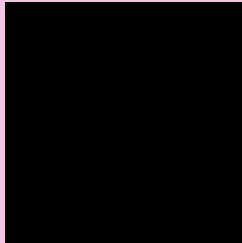
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.0714, 0.3290, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 65.0714, 0.3290, 0.2980.



This preview shows how white text looks on a background with the Yxy color 65.0714, 0.3290, 0.2980.

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

65.0714, 0.3290, 0.2980

Protanopia

65.5012, 0.2946, 0.3013

Deuteranopia

65.1064, 0.3137, 0.3073



Tritanopia

64.9862, 0.3363, 0.3122

Trichromacy



Original Color

65.0714, 0.3290, 0.2980

Protanomaly

65.0184, 0.3067, 0.2997

Deuteranomaly

65.0557, 0.3193, 0.3034

Tritanomaly

64.9151, 0.3342, 0.3071

Monochromacy



Original Color

65.0714, 0.3290, 0.2980

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.3950, 0.3185, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0714, 0.3290, 0.2980 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, 197, 227)` looks like.

```
.text, #text, p{  
    color:rgb(246, 197, 227)  
}
```

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, 197, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 197, 227) }
```

Border

The CSS property to change the border of an element to Yxy 65.0714, 0.3290, 0.2980 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, 197, 227) }
```

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

```
.border{ border-color:rgb(246, 197, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 197, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 197, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 197, 227); box-shadow:4px 4px 4px 4px rgb(246, 197, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0714, 0.3290, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 197, 227) }
```

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

```
.background{ background-color: rgb(246,  
197, 227) }
```

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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