

Converting Colors

$Y_{xy}(65.4929, 0.3249, 0.2933)$

Have a look what the booklet for
Yxy(65.4929, 0.3249, 0.2933)
contains.

Yxy(65.3515, 0.3252, 0.2930)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.3515, 0.3252, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	F6C5E8
RGB	246, 197, 232
RGB Percent	96%, 77%, 91%
CMY	0.0354, 0.2274, 0.0901
CMYK	0.00, 0.20, 0.06, 0.04
HSL	317°, 73%, 87%
HSV	317°, 20%, 96%
XYZ	72.5335, 65.3515, 85.1577
YIQ	215.6410, 17.9690, 21.2730

Conversions

Conversions Part 2

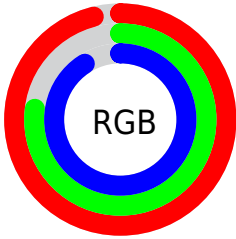
Format	Color
R _Y B	246, 197, 232
Decimal	16172520
CIE Lab	84.66, 23.02, -10.71
CIE LCh	85, 25.387, 335.050
Yxy	65.3515, 0.3252, 0.2930
Android (android.graphics.Color)	4294362600 (0xFFFF6C5E8)
YUV	215.6410, 8.0650, 26.6248
Hunter-Lab	80.8403, 18.6876, -5.8683

Details

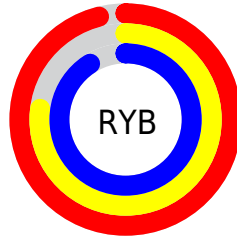
The Yxy color **65.3515, 0.3252, 0.2930** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.4672, 0.3022, 0.3679**, and the grayscale version is **68.3487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **33.5983, 0.3282, 0.2853** is the 20% darker color. If you saturate the color by 10%, you get **54.6893, 0.3331, 0.2742**, and if you desaturate by 10%, it is **77.8578, 0.3184, 0.3115**.

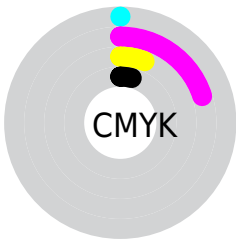
Distribution



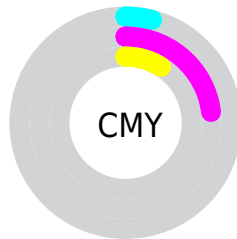
- Red (96%)
- Green (77%)
- Blue (91%)



- Red (96%)
- Yellow (77%)
- Blue (91%)



- Cyan (0%)
- Magenta (20%)
- Yellow (6%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.3515, 0.3252, 0.2930 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 65.3515, 0.3252, 0.2930 by changing the saturation by 10% instead.


 65.3515, 0.3252,
0.2930

 65.3515, 0.3252,
0.2930


444.0540, 0.3196,
0.3095

 47.7462, 0.3265,
0.2893


112.5551, 0.3233,
0.2987

 33.6259, 0.3280,
0.2847


142.9221, 0.3225,
0.3009

 22.6064, 0.3299,
0.2790


178.3117, 0.3218,
0.3028

 14.3031, 0.3324,
0.2715

219.1085, 0.3213,
0.3045

 8.3318, 0.3357,
0.2615

265.6967, 0.3208,
0.3060

 4.3080, 0.3403,
0.2473

318.4607, 0.3203,

 1.8473, 0.3471,

0.3073

0.2256

377.7851, 0.3199,
0.3084

0.5164, 0.3641,
0.1756

0.0000, 0.0046,
0.0000

65.3515, 0.3252,
0.2930

65.3515, 0.3252,
0.2930

54.6893, 0.3331,
0.2742

77.8578, 0.3184,
0.3115

45.7741, 0.3421,
0.2558

92.2820, 0.3127,
0.3292

38.5130, 0.3522,
0.2385

98.2023, 0.3083,
0.3309

32.8009, 0.3633,
0.2235

98.3277, 0.3072,
0.3290

■ 28.5208, 0.3750,
0.2117

■ 25.5386, 0.3871,
0.2042

■ 23.6950, 0.3991,
0.2017

■ 22.7275, 0.4107,
0.2036

■ 22.7197, 0.4108,
0.2037

Harmonies

Analogous

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



65.3515, 0.2933, 0.2795



65.3515, 0.3252, 0.2930



65.3515, 0.3549, 0.3151

Triad

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



65.3515, 0.3252, 0.2930



65.3515, 0.3579, 0.3824



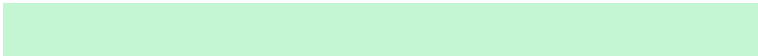
65.3515, 0.2558, 0.3118

Complementary

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



65.3515, 0.3252, 0.2930



82.4672, 0.3022, 0.3679

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.



65.3515, 0.2714, 0.3419



65.3515, 0.3252, 0.2930



65.3515, 0.3299, 0.3845

Square

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



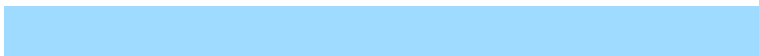
65.3515, 0.3252, 0.2930



65.3515, 0.3741, 0.3659



65.3515, 0.2982, 0.3695



65.3515, 0.2546, 0.2887

Rectangle

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



65.3515, 0.3252, 0.2930



65.3515, 0.3689, 0.3324



65.3515, 0.2982, 0.3695



65.3515, 0.2595, 0.3214

Sweetspot

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



65.3544, 0.3252, 0.2930



90.3463, 0.3161, 0.3185



60.4227, 0.2892, 0.2755



19.1228, 0.3165, 0.3173



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.



65.3544, 0.3252, 0.2930



65.9027, 0.3283, 0.2852



64.0618, 0.3439, 0.3179



16.6831, 0.3182, 0.3122



12.1554, 0.4090, 0.2027



1.0860, 0.3953, 0.1951

Inverse Universe

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



65.3544, 0.3252, 0.2930



65.9027, 0.3283, 0.2852



83.7856, 0.2886, 0.3404



16.6831, 0.3182, 0.3122



12.1554, 0.4090, 0.2027



1.0860, 0.3953, 0.1951

Previews

White Background



This preview shows how the Yxy color 65.3515, 0.3252, 0.2930 looks on a white background.

Color Contrast Check

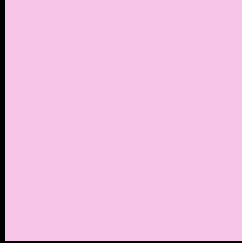
Large Text (above 18pt) WCAG AA × Fail

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 65.3515, 0.3252, 0.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

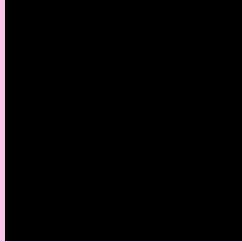
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3515, 0.3252, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 65.3515, 0.3252, 0.2930.



This preview shows how white text looks on a background with the Yxy color 65.3515, 0.3252, 0.2930.

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

65.3515, 0.3252, 0.2930

Protanopia

65.6499, 0.2907, 0.2959

Deuteranopia

65.7031, 0.3095, 0.3030



Tritanopia

65.4479, 0.3362, 0.3133

Trichromacy



Original Color

65.3515, 0.3252, 0.2930

Protanomaly

65.1492, 0.3025, 0.2945

Deuteranomaly

65.6372, 0.3149, 0.2993

Tritanomaly

65.4798, 0.3325, 0.3061

Monochromacy



Original Color

65.3515, 0.3252, 0.2930

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.2057, 0.3171, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3515, 0.3252, 0.2930 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(246, 197, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 197, 232) }
```

Border

The CSS property to change the border of an element to Yxy 65.3515, 0.3252, 0.2930 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, 232) }
```

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

```
.border{ border-color:rgb(246, 197, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 197, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 197, 232);  
box-shadow:4px 4px 4px 4px rgb(246, 197,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3515, 0.3252, 0.2930 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, 232) }
```

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

```
.background{ background-color: rgb(246,  
197, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor