

Converting Colors

Yxy(66.1944, 0.3395, 0.3121)

Have a look what the booklet for
Yxy(66.1944, 0.3395, 0.3121)
contains.

Yxy(66.4062, 0.3394, 0.3125)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.4062, 0.3394, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	F9C8D8
RGB	249, 200, 216
RGB Percent	98%, 78%, 85%
CMY	0.0234, 0.2157, 0.1530
CMYK	0.00, 0.20, 0.13, 0.02
HSL	340°, 80%, 88%
HSV	340°, 20%, 98%
XYZ	72.1224, 66.4062, 73.9712
YIQ	216.4750, 24.0680, 15.3640

Conversions

Conversions Part 2

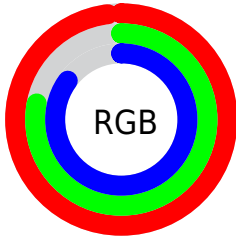
Format	Color
R _Y B	249, 200, 216
Decimal	16369880
CIE Lab	85.20, 19.83, -1.33
CIE LCh	85, 19.876, 356.163
Yxy	66.4062, 0.3394, 0.3125
Android (android.graphics.Color)	4294559960 (0xFFF9C8D8)
YUV	216.4750, -0.2342, 28.5244
Hunter-Lab	81.4900, 15.3733, 3.2235

Details

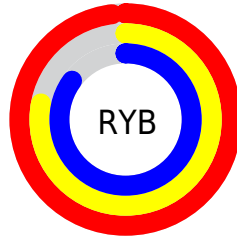
The Yxy color $66.4062, 0.3394, 0.3125$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85.9355, 0.2917, 0.3462$, and the grayscale version is $69.0024, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.3374, 0.3461, 0.3090$ is the 20% darker color. If you saturate the color by 10%, you get $54.9744, 0.3576, 0.3036$, and if you desaturate by 10%, it is $79.8112, 0.3245, 0.3211$.

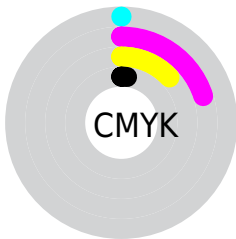
Distribution



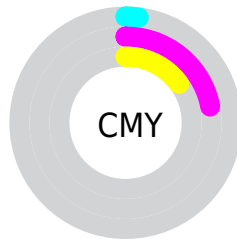
- Red (98%)
- Green (78%)
- Blue (85%)



- Red (98%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4062, 0.3394, 0.3125 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 66.4062, 0.3394, 0.3125 by changing the saturation by 10% instead.

 66.4062, 0.3394,
0.3125

 66.4062, 0.3394,
0.3125

447.8282, 0.3269,
0.3202

 48.6022, 0.3423,
0.3107


114.0691, 0.3350,
0.3152

 34.3040, 0.3459,
0.3085

144.6969, 0.3333,
0.3162

 23.1273, 0.3506,
0.3057


180.3680, 0.3319,
0.3171

 14.6875, 0.3567,
0.3019

221.4669, 0.3306,
0.3179

 8.6004, 0.3652,
0.2968

268.3780, 0.3295,
0.3186

 4.4814, 0.3777,
0.2893


321.4856, 0.3285,

 1.9464, 0.3980,


0.3192


0.2772

381.1742, 0.3276,
0.3197


 0.5760, 0.4466,
0.2459


 0.0000, 0.0000,
0.0000


 66.4062, 0.3394,
0.3125


 66.4062, 0.3394,
0.3125


 54.9744, 0.3576,
0.3036


 79.8112, 0.3245,
0.3211

 45.4135, 0.3797,
0.2947

 95.2678, 0.3124,
0.3292

 37.6252, 0.4060,
0.2866

 98.8856, 0.3090,
0.3290

 31.4988, 0.4365,
0.2801

■ 26.9110, 0.4705,
0.2765

■ 23.7209, 0.5060,
0.2769

■ 21.7614, 0.5403,
0.2822

■ 20.7673, 0.5705,
0.2918

■ 20.7428, 0.5714,
0.2921

Harmonies

Analogous

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



66.4062, 0.3151, 0.2966



66.4062, 0.3394, 0.3125



66.4062, 0.3567, 0.3328

Triad

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



66.4062, 0.3394, 0.3125



66.4062, 0.3334, 0.3728



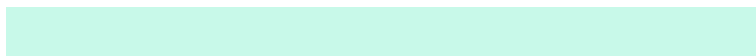
66.4062, 0.2660, 0.3023

Complementary

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



66.4062, 0.3394, 0.3125



85.9355, 0.2917, 0.3462

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.



66.4062, 0.2705, 0.3226



66.4062, 0.3394, 0.3125



66.4062, 0.3089, 0.3648

Square

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



66.4062, 0.3394, 0.3125



66.4062, 0.3530, 0.3680



66.4062, 0.2860, 0.3459



66.4062, 0.2733, 0.2902

Rectangle

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



66.4062, 0.3394, 0.3125



66.4062, 0.3616, 0.3466



66.4062, 0.2860, 0.3459



66.4062, 0.2662, 0.3083

Sweetspot

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



66.4092, 0.3394, 0.3125



89.9773, 0.3197, 0.3242



65.4189, 0.3030, 0.2781



19.0356, 0.3206, 0.3236



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.



66.4092, 0.3394, 0.3125



64.5972, 0.3469, 0.3087



69.5094, 0.3502, 0.3376



17.3185, 0.3242, 0.3213



11.1232, 0.5672, 0.2898



1.0488, 0.5337, 0.2714

Inverse Universe

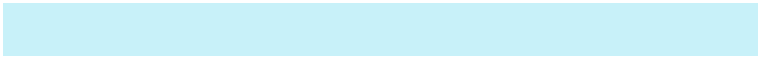
The Inverse Universe completely reimagines the original color for something new.



66.4092, 0.3394, 0.3125



64.5972, 0.3469, 0.3087



81.9476, 0.2826, 0.3202



17.3185, 0.3242, 0.3213



11.1232, 0.5672, 0.2898



1.0488, 0.5337, 0.2714

Previews

White Background



This preview shows how the Yxy color 66.4062, 0.3394, 0.3125 looks on a white background.

Color Contrast Check

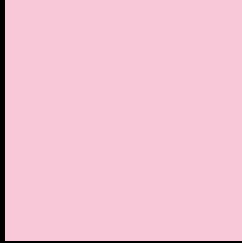
Large Text (above 18pt) WCAG AA × Fail

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 66.4062, 0.3394, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

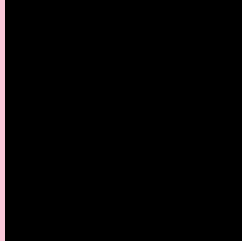
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.4062, 0.3394, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 66.4062, 0.3394, 0.3125.

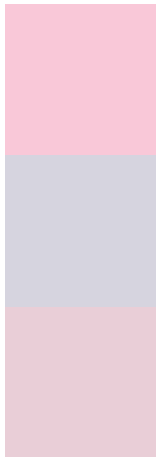


This preview shows how white text looks on a background with the Yxy color 66.4062, 0.3394, 0.3125.

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

66.4062, 0.3394, 0.3125

Protanopia

66.7108, 0.3067, 0.3168

Deuteranopia

66.3725, 0.3269, 0.3194



Tritanopia

66.4062, 0.3394, 0.3125

Trichromacy



Original Color

66.4062, 0.3394, 0.3125

Protanomaly

66.6100, 0.3186, 0.3160

Deuteranomaly

66.4428, 0.3318, 0.3174

Tritanomaly

66.4062, 0.3394, 0.3125

Monochromacy



Original Color

66.4062, 0.3394, 0.3125

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.5450, 0.3220, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4062, 0.3394, 0.3125 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(249, 200, 216)` looks like.

```
.text, #text, p{  
    color:rgb(249, 200, 216)  
}
```

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(249, 200, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 200, 216) }
```

Border

The CSS property to change the border of an element to Yxy 66.4062, 0.3394, 0.3125 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(249, 200, 216) }
```

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

```
.border{ border-color:rgb(249, 200, 216) }
```

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

Here you see how a box with a 4 pixel rgb(249, 200, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 200, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 200, 216);  
box-shadow:4px 4px 4px 4px rgb(249, 200,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4062, 0.3394, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 200, 216) }
```

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

```
.background{ background-color: rgb(249,  
200, 216) }
```

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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