

Converting Colors

$Y_{xy}(79.0006, 0.3264, 0.3194)$

Have a look what the booklet for
Yxy(79.0006, 0.3264, 0.3194)
contains.

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Color

Yxy(79.1108, 0.3266, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	FBDFE8
RGB	251, 223, 232
RGB Percent	98%, 87%, 91%
CMY	0.0156, 0.1255, 0.0901
CMYK	0.00, 0.11, 0.08, 0.02
HSL	341°, 78%, 93%
HSV	341°, 11%, 98%
XYZ	80.7425, 79.1108, 87.3680
YIQ	232.3980, 13.7990, 8.7350

Conversions

Conversions Part 2

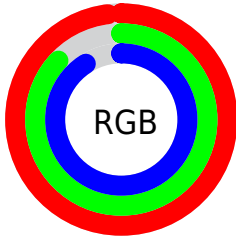
Format	Color
R_{YB}	251, 223, 232
Decimal	16506856
CIE Lab	91.28, 11.11, -0.88
CIE LCh	91, 11.143, 355.490
Yxy	79.1108, 0.3266, 0.3200
Android (android.graphics.Color)	4294696936 (0xFFFFBDFE8)
YUV	232.3980, -0.1962, 16.3140
Hunter-Lab	88.9443, 6.3876, 4.0217

Details

The Yxy color **79.1108, 0.3266, 0.3200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.1035, 0.3005, 0.3382**, and the grayscale version is **81.0074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6092, 0.3298, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **65.7595, 0.3420, 0.3114**, and if you desaturate by 10%, it is **94.5512, 0.3140, 0.3281**.

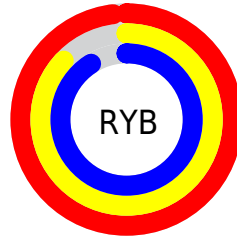
Distribution



Red (98%)

Green (87%)

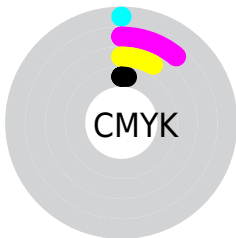
Blue (91%)



Red (98%)

Yellow (87%)

Blue (91%)

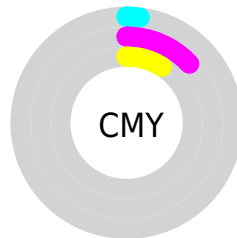


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.1108, 0.3266, 0.3200 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 79.1108, 0.3266, 0.3200 by changing the saturation by 10% instead.


 79.1108, 0.3266,
0.3200

 79.1108, 0.3266,
0.3200

491.9311, 0.3203,
0.3241

 58.9869, 0.3280,
0.3191


132.1148, 0.3244,
0.3214

 42.6026, 0.3298,
0.3180


165.7638, 0.3236,
0.3220

 29.5734, 0.3320,
0.3165


204.6898, 0.3228,
0.3224

 19.5150, 0.3348,
0.3147

249.2774, 0.3222,
0.3229

 12.0430, 0.3387,
0.3122

299.9110, 0.3216,
0.3232

 6.7730, 0.3441,
0.3088

356.9748, 0.3211,

 3.3205, 0.3525,

0.3235

420.8534, 0.3207,
0.3238

0.3034

1.3013, 0.3668,
0.2944

0.1422, 0.5314,
0.1860

79.1108, 0.3266,
0.3200

79.1108, 0.3266,
0.3200

65.7595, 0.3420,
0.3114

94.5512, 0.3140,
0.3281

54.3969, 0.3609,
0.3026

99.2523, 0.3103,
0.3290

44.9301, 0.3838,
0.2939

37.2547, 0.4110,
0.2861

■ 31.2559, 0.4423,
0.2800

■ 26.8057, 0.4769,
0.2770

■ 23.7571, 0.5128,
0.2782

■ 21.9345, 0.5468,
0.2843

■ 21.1030, 0.5731,
0.2931

Harmonies

Analogous

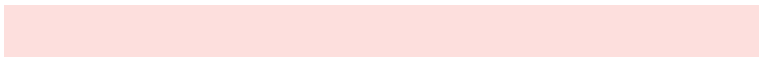
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1108, 0.3139, 0.3113



79.1108, 0.3266, 0.3200



79.1108, 0.3357, 0.3311

Triad

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



79.1108, 0.3266, 0.3200



79.1108, 0.3242, 0.3519



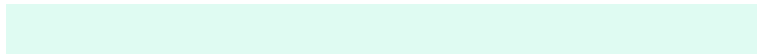
79.1108, 0.2876, 0.3153

Complementary

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



79.1108, 0.3266, 0.3200



91.1035, 0.3005, 0.3382

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.



79.1108, 0.2903, 0.3262



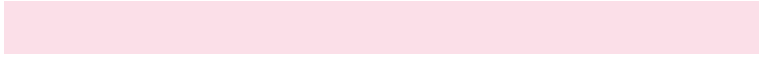
79.1108, 0.3266, 0.3200



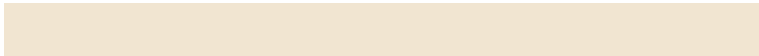
79.1108, 0.3112, 0.3477

Square

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



79.1108, 0.3266, 0.3200



79.1108, 0.3342, 0.3496



79.1108, 0.2988, 0.3382



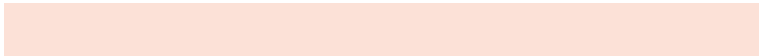
79.1108, 0.2915, 0.3084

Rectangle

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



79.1108, 0.3266, 0.3200



79.1108, 0.3384, 0.3385



79.1108, 0.2988, 0.3382



79.1108, 0.2878, 0.3186

Sweetspot

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



79.1143, 0.3266, 0.3200



94.8861, 0.3161, 0.3267



78.5612, 0.3076, 0.3009



20.0243, 0.3171, 0.3260



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

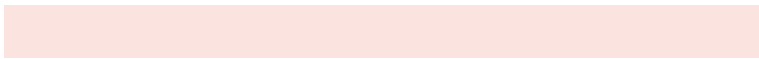
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1143, 0.3266, 0.3200



79.2785, 0.3292, 0.3185



81.1447, 0.3322, 0.3338



17.3173, 0.3243, 0.3214



11.1144, 0.5688, 0.2907



1.0479, 0.5352, 0.2722

Inverse Universe

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



79.1143, 0.3266, 0.3200



79.2785, 0.3292, 0.3185



88.7768, 0.2955, 0.3242



17.3173, 0.3243, 0.3214



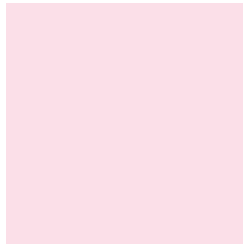
11.1144, 0.5688, 0.2907



1.0479, 0.5352, 0.2722

Previews

White Background



This preview shows how the Yxy color 79.1108, 0.3266, 0.3200 looks on a white background.

Color Contrast Check

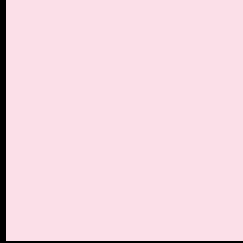
Large Text (above 18pt) WCAG AA × Fail

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 79.1108, 0.3266, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

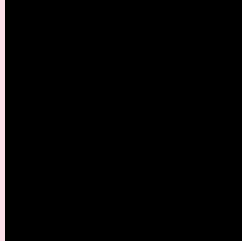
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.1108, 0.3266, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 79.1108, 0.3266, 0.3200.

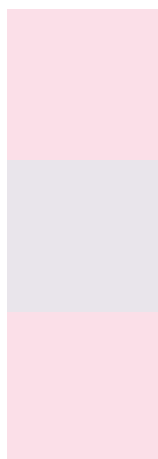


This preview shows how white text looks on a background with the Yxy color 79.1108, 0.3266, 0.3200.

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

79.1108, 0.3266, 0.3200

Protanopia

79.3604, 0.3116, 0.3228

Deuteranopia

79.1108, 0.3266, 0.3200



Tritanopia

79.1700, 0.3227, 0.3121

Trichromacy



Original Color

79.1108, 0.3266, 0.3200

Protanomaly

79.4039, 0.3172, 0.3219

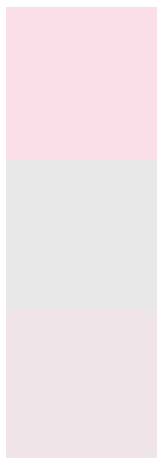
Deuteranomaly

79.1108, 0.3266, 0.3200

Tritanomaly

78.9941, 0.3247, 0.3151

Monochromacy



Original Color

79.1108, 0.3266, 0.3200

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.2155, 0.3177, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1108, 0.3266, 0.3200 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(251, 223, 232)` looks like.

```
.text, #text, p{  
    color:rgb(251, 223, 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(251, 223, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 223, 232) }
```

Border

The CSS property to change the border of an element to Yxy 79.1108, 0.3266, 0.3200 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(251, 223, 232) }
```

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

```
.border{ border-color:rgb(251, 223, 232) }
```

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

Here you see how a box with a 4 pixel rgb(251, 223, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 223, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 223, 232);  
box-shadow:4px 4px 4px 4px rgb(251, 223,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1108, 0.3266, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 223, 232) }
```

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

```
.background{ background-color: rgb(251,  
223, 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](#).

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