

Converting Colors

$Y_{xy}(100.0000, 0.3507, 0.3153)$

Have a look what the booklet for
Yxy(100.0000, 0.3507, 0.3153)
contains.

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Color

Yxy(88.2792, 0.3154, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	FFECFC
RGB	255, 236, 252
RGB Percent	100%, 93%, 99%
CMY	0.0002, 0.0744, 0.0118
CMYK	0.00, 0.07, 0.01, 0.00
HSL	309°, 99%, 96%
HSV	309°, 7%, 100%
XYZ	88.7859, 88.2792, 104.4374
YIQ	243.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 236, 252
Decimal	16772348
CIE _{Lab}	95.28, 9.12, -5.38
CIE _{LCh}	95, 10.591, 329.466
Yxy	88.2792, 0.3154, 0.3136
Android (android.graphics.Color)	4294962428 (0xFFFFEFCFC)
YUV	243.5050, 4.1880, 10.0811
Hunter-Lab	93.9570, 4.2511, -0.1336

Details

The Yxy color 88.2792, 0.3154, 0.3136 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.5493, 0.3101, 0.3449, and the grayscale version is 90.0094, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 48.5884, 0.3161, 0.3106 is the 20% darker color. If you saturate the color by 10%, you get 74.3831, 0.3195, 0.2922, and if you desaturate by 10%, it is 99.9882, 0.3127, 0.3290.

Distribution



Red (100%)

Green (93%)

Blue (99%)



Red (100%)

Yellow (93%)

Blue (99%)



Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (7%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2792, 0.3154, 0.3136 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 88.2792, 0.3154, 0.3136 by changing the saturation by 10% instead.

 88.2792, 0.3154,
0.3136

 88.2792, 0.3154,
0.3136

522.4171, 0.3142,
0.3204

 66.5543, 0.3156,
0.3121


144.9458, 0.3150,
0.3159

 48.7225, 0.3159,
0.3103


180.6563, 0.3149,
0.3168

 34.3994, 0.3163,
0.3081


221.7975, 0.3147,
0.3176

 23.2006, 0.3168,
0.3053

268.7537, 0.3146,
0.3183

 14.7417, 0.3173,
0.3015

321.9094, 0.3145,
0.3189

 8.6383, 0.3181,
0.2965

381.6489, 0.3144,

 4.5060, 0.3192,

0.3195

0.2891

448.3567, 0.3143,
0.3200

■ 1.9605, 0.3209,
0.2774

■ 0.5843, 0.3275,
0.2460

■ 88.2792, 0.3154,
0.3136

■ 88.2792, 0.3154,
0.3136

■ 74.3831, 0.3195,
0.2922

99.9882, 0.3127,
0.3290

■ 62.4955, 0.3241,
0.2704

■ 52.5256, 0.3293,
0.2491

■ 44.3712, 0.3349,
0.2290

■ 37.9204, 0.3408,
0.2111

■ 33.0493, 0.3469,
0.1966

■ 29.6167, 0.3530,
0.1861

■ 27.4568, 0.3589,
0.1803

■ 26.3536, 0.3644,
0.1789

Harmonies

Analogous

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



88.2792, 0.3035, 0.3091



88.2792, 0.3154, 0.3136



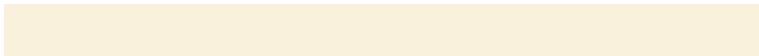
88.2792, 0.3268, 0.3220

Triad

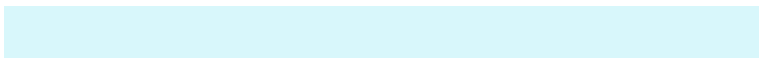
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2792, 0.3154, 0.3136



88.2792, 0.3315, 0.3485



88.2792, 0.2915, 0.3250

Complementary

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



88.2792, 0.3154, 0.3136



95.5493, 0.3101, 0.3449

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.



88.2792, 0.2987, 0.3360



88.2792, 0.3154, 0.3136



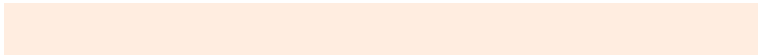
88.2792, 0.3217, 0.3498

Square

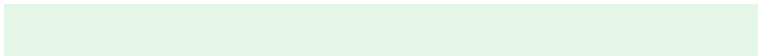
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



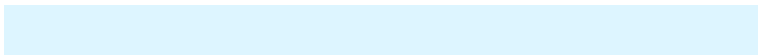
88.2792, 0.3154, 0.3136



88.2792, 0.3362, 0.3420



88.2792, 0.3097, 0.3452



88.2792, 0.2898, 0.3154

Rectangle

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



88.2792, 0.3154, 0.3136



88.2792, 0.3325, 0.3288



88.2792, 0.3097, 0.3452



88.2792, 0.2933, 0.3287

Sweetspot

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



88.2830, 0.3154, 0.3136



96.7378, 0.3134, 0.3249



85.5512, 0.3031, 0.3102



20.7400, 0.3134, 0.3251



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.



88.2830, 0.3154, 0.3136



85.9923, 0.3160, 0.3103



87.7058, 0.3213, 0.3226



18.2487, 0.3162, 0.3092



13.6938, 0.3650, 0.1784



1.3459, 0.3591, 0.1752

Inverse Universe

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



88.2830, 0.3154, 0.3136



85.9923, 0.3160, 0.3103



96.1153, 0.3049, 0.3355



18.2487, 0.3162, 0.3092



13.6938, 0.3650, 0.1784



1.3459, 0.3591, 0.1752

Previews

White Background



This preview shows how the Yxy color 88.2792, 0.3154, 0.3136 looks on a white background.

Color Contrast Check

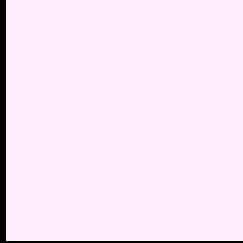
Large Text (above 18pt) WCAG AA × Fail

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 88.2792, 0.3154, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

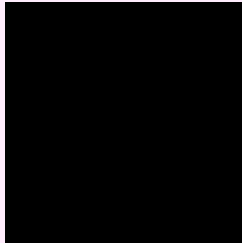
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

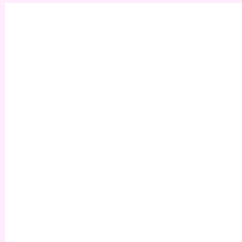
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2792, 0.3154, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 88.2792, 0.3154, 0.3136.



This preview shows how white text looks on a background with the Yxy color 88.2792, 0.3154, 0.3136.

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

88.2792, 0.3154, 0.3136

Protanopia

88.3532, 0.3056, 0.3152

Deuteranopia

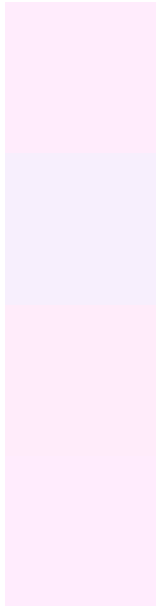
88.0905, 0.3173, 0.3164



Tritanopia

88.4067, 0.3142, 0.3117

Trichromacy



Original Color

88.2792, 0.3154, 0.3136

Protanomaly

88.5990, 0.3094, 0.3153

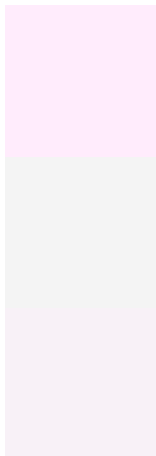
Deuteranomaly

88.1530, 0.3167, 0.3155

Tritanomaly

88.3428, 0.3148, 0.3126

Monochromacy



Original Color

88.2792, 0.3154, 0.3136

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

89.5825, 0.3136, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2792, 0.3154, 0.3136 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(255, 236, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 252)  
}
```

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(255, 236, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 252) }
```

Border

The CSS property to change the border of an element to Yxy 88.2792, 0.3154, 0.3136 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(255, 236, 252) }
```

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

```
.border{ border-color:rgb(255, 236, 252) }
```

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

Here you see how a box with a 4 pixel rgb(255, 236, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2792, 0.3154, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 252) }
```

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

```
.background{ background-color: rgb(255,  
236, 252) }
```

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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