

Converting Colors

$Yxy(93.8738, 0.3333, 0.3201)$

Have a look what the booklet for
Yxy(93.8738, 0.3333, 0.3201)
contains.

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Color

Yxy(89.1864, 0.3178, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	FFEEF8
RGB	255, 238, 248
RGB Percent	100%, 93%, 97%
CMY	0.0000, 0.0667, 0.0273
CMYK	0.00, 0.07, 0.03, 0.00
HSL	325°, 100%, 97%
HSV	325°, 7%, 100%
XYZ	88.7674, 89.1864, 101.3647
YIQ	244.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

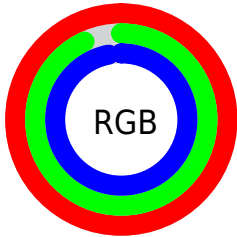
Format	Color
R _Y B	255, 238, 248
Decimal	16772856
CIE Lab	95.66, 7.45, -2.77
CIE LCh	96, 7.950, 339.592
Yxy	89.1864, 0.3178, 0.3193
Android (android.graphics.Color)	4294962936 (0xFFFFEEF8)
YUV	244.2230, 1.8621, 9.4514
Hunter-Lab	94.4386, 2.5134, 2.4686

Details

The Yxy color $89.1864, 0.3178, 0.3193$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $96.2870, 0.3080, 0.3389$, and the grayscale version is $90.6350, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $49.2674, 0.3184, 0.3167$ is the 20% darker color. If you saturate the color by 10%, you get $74.7432, 0.3266, 0.3041$, and if you desaturate by 10%, it is $100.0000, 0.3127, 0.3290$.

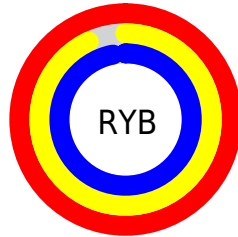
Distribution



Red (100%)

Green (93%)

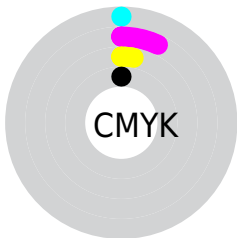
Blue (97%)



Red (100%)

Yellow (93%)

Blue (97%)

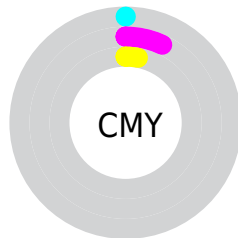


Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (7%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.1864, 0.3178, 0.3193 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 89.1864, 0.3178, 0.3193 by changing the saturation by 10% instead.


 89.1864, 0.3178,
0.3193

 89.1864, 0.3178,
0.3193


525.3807, 0.3156,
0.3236

 67.3060, 0.3183,
0.3184


146.2078, 0.3170,
0.3208

 49.3334, 0.3189,
0.3172


182.1175, 0.3167,
0.3213

 34.8840, 0.3196,
0.3158


223.4726, 0.3165,
0.3218

 23.5735, 0.3206,
0.3140

270.6573, 0.3162,
0.3223

 15.0176, 0.3218,
0.3116

324.0561, 0.3160,
0.3227

 8.8317, 0.3235,
0.3084

384.0533, 0.3159,

 4.6316, 0.3260,

0.3230

451.0334, 0.3157,
0.3233

0.3036

■ 2.0328, 0.3300,
0.2960

■ 0.6264, 0.3410,
0.2748

■ 89.1864, 0.3178,
0.3193

■ 89.1864, 0.3178,
0.3193

■ 74.7432, 0.3266,
0.3041

100.0000, 0.3127,
0.3290

■ 62.3514, 0.3372,
0.2884

■ 51.9156, 0.3495,
0.2727

■ 43.3334, 0.3639,
0.2576

■ 36.4934, 0.3802,
0.2442

■ 31.2717, 0.3981,
0.2336

■ 27.5281, 0.4171,
0.2271

■ 25.0982, 0.4364,
0.2256

■ 23.7753, 0.4553,
0.2295

Harmonies

Analogous

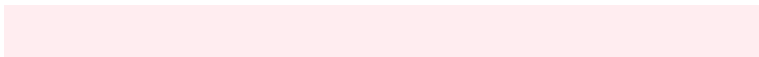
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.1864, 0.3087, 0.3148



89.1864, 0.3178, 0.3193



89.1864, 0.3256, 0.3264

Triad

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



89.1864, 0.3178, 0.3193



89.1864, 0.3246, 0.3444



89.1864, 0.2958, 0.3234

Complementary

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



89.1864, 0.3178, 0.3193



96.2870, 0.3080, 0.3389

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.



89.1864, 0.3000, 0.3315



89.1864, 0.3178, 0.3193



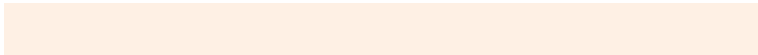
89.1864, 0.3165, 0.3438

Square

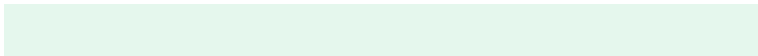
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



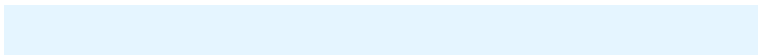
89.1864, 0.3178, 0.3193



89.1864, 0.3296, 0.3408



89.1864, 0.3075, 0.3390



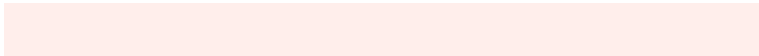
89.1864, 0.2961, 0.3170

Rectangle

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



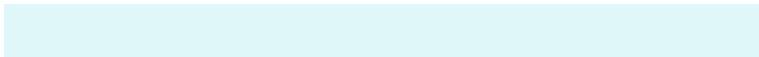
89.1864, 0.3178, 0.3193



89.1864, 0.3290, 0.3316



89.1864, 0.3075, 0.3390



89.1864, 0.2967, 0.3261

Sweetspot

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



89.1856, 0.3178, 0.3193



96.6551, 0.3142, 0.3261



87.7426, 0.3068, 0.3123



20.7232, 0.3141, 0.3263



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

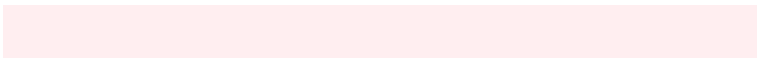
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.1856, 0.3178, 0.3193



87.1408, 0.3189, 0.3173



88.6798, 0.3230, 0.3274



18.1669, 0.3201, 0.3151



12.2974, 0.4585, 0.2300



1.2191, 0.4385, 0.2189

Inverse Universe

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



89.1856, 0.3178, 0.3193



87.1408, 0.3189, 0.3173



96.8074, 0.3033, 0.3306



18.1669, 0.3201, 0.3151



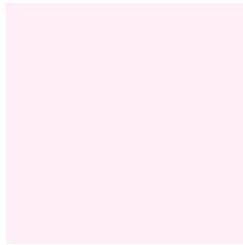
12.2974, 0.4585, 0.2300



1.2191, 0.4385, 0.2189

Previews

White Background



This preview shows how the Yxy color 89.1864, 0.3178, 0.3193 looks on a white background.

Color Contrast Check

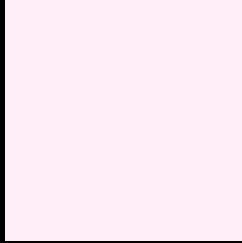
Large Text (above 18pt) WCAG AA × Fail

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 89.1864, 0.3178, 0.3193 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 89.1864, 0.3178, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 89.1864, 0.3178, 0.3193.

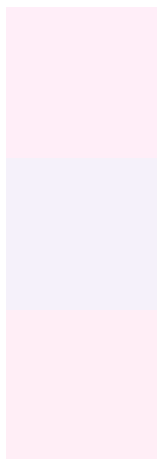


This preview shows how white text looks on a background with the Yxy color 89.1864, 0.3178, 0.3193.

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

89.1864, 0.3178, 0.3193

Protanopia

89.2252, 0.3099, 0.3201

Deuteranopia

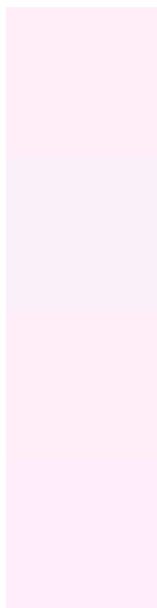
89.0629, 0.3190, 0.3213



Tritanopia

88.9841, 0.3141, 0.3126

Trichromacy



Original Color

89.1864, 0.3178, 0.3193

Protanomaly

89.2995, 0.3131, 0.3202

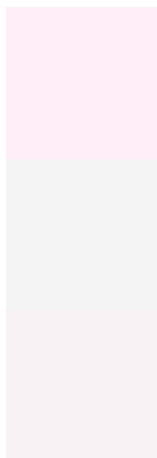
Deuteranomaly

89.1245, 0.3184, 0.3203

Tritanomaly

88.8566, 0.3154, 0.3145

Monochromacy



Original Color

89.1864, 0.3178, 0.3193

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.0533, 0.3148, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.1864, 0.3178, 0.3193 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, 238, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 248)  
}
```

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, 238, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 248) }
```

Border

The CSS property to change the border of an element to Yxy 89.1864, 0.3178, 0.3193 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, 238, 248) }
```

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

```
.border{ border-color:rgb(255, 238, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 89.1864, 0.3178, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 248) }
```

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

```
.background{ background-color: rgb(255,  
238, 248) }
```

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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