

Converting Colors

$Y_{xy}(100.0000, 0.3745, 0.3286)$

Have a look what the booklet for
Yxy(100.0000, 0.3745, 0.3286)
contains.

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Color

Yxy(84.8564, 0.3279, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8E9
RGB	255, 232, 233
RGB Percent	100%, 91%, 91%
CMY	0.0000, 0.0902, 0.0864
CMYK	0.00, 0.09, 0.09, 0.00
HSL	358°, 100%, 95%
HSV	358°, 9%, 100%
XYZ	84.8047, 84.8564, 88.9686
YIQ	238.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

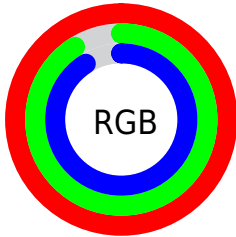
Format	Color
R_{YB}	255, 232, 233
Decimal	16771305
CIE Lab	93.82, 7.99, 2.37
CIE LCh	94, 8.330, 16.527
Yxy	84.8564, 0.3279, 0.3281
Android (android.graphics.Color)	4294961385 (0xFFFFE8E9)
YUV	238.9910, -2.9536, 14.0399
Hunter-Lab	92.1175, 3.1239, 7.2190

Details

The Yxy color **84.8564, 0.3279, 0.3281** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.8351, 0.2993, 0.3299**, and the grayscale version is **86.3223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.2308, 0.3315, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **70.2255, 0.3487, 0.3270**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

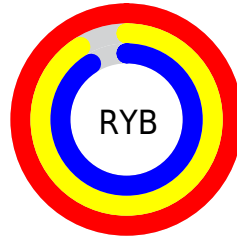
Distribution



Red (100%)

Green (91%)

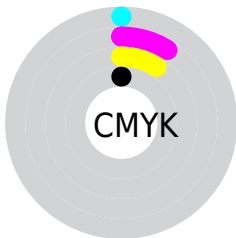
Blue (91%)



Red (100%)

Yellow (91%)

Blue (91%)

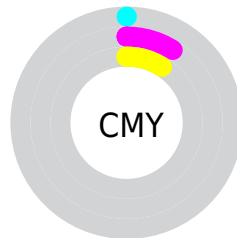


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.8564, 0.3279, 0.3281 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 84.8564, 0.3279, 0.3281 by changing the saturation by 10% instead.


 84.8564, 0.3279,
0.3281

 84.8564, 0.3279,
0.3281


511.1528, 0.3210,
0.3286

 63.7227, 0.3294,
0.3280

140.1725, 0.3256,
0.3283

 46.4261, 0.3313,
0.3279

175.1238, 0.3246,
0.3283

 32.5822, 0.3336,
0.3277


215.4497, 0.3238,
0.3284

 21.8066, 0.3367,
0.3274

261.5346, 0.3231,
0.3284

 13.7149, 0.3407,
0.3271

313.7630, 0.3225,
0.3285

 7.9226, 0.3464,
0.3266

372.5192, 0.3220,

 4.0455, 0.3549,

0.3285

0.3258

438.1877, 0.3215,
0.3285

■ 1.6990, 0.3693,
0.3243

■ 0.4230, 0.4540,
0.3217

■ 84.8564, 0.3279,
0.3281

■ 84.8564, 0.3279,
0.3281

■ 70.2255, 0.3487,
0.3270

100.0000, 0.3127,
0.3290

■ 57.7735, 0.3748,
0.3260

■ 47.3963, 0.4069,
0.3249

■ 38.9812, 0.4457,
0.3241

■ 32.4048, 0.4903,
0.3236

■ 27.5296, 0.5378,
0.3238

■ 24.1989, 0.5824,
0.3247

■ 22.2270, 0.6168,
0.3265

■ 21.3434, 0.6360,
0.3283

Harmonies

Analogous

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



84.8564, 0.3203, 0.3202



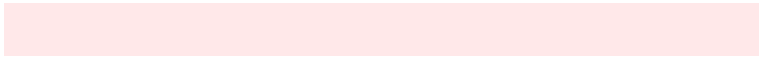
84.8564, 0.3279, 0.3281



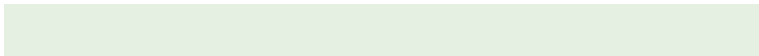
84.8564, 0.3314, 0.3363

Triad

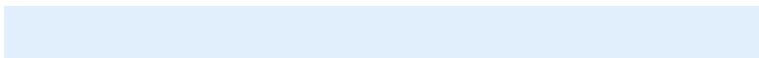
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8564, 0.3279, 0.3281



84.8564, 0.3145, 0.3439



84.8564, 0.2958, 0.3151

Complementary

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



84.8564, 0.3279, 0.3281



95.8351, 0.2993, 0.3299

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.



84.8564, 0.2944, 0.3212



84.8564, 0.3279, 0.3281



84.8564, 0.3051, 0.3380

Square

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



84.8564, 0.3279, 0.3281



84.8564, 0.3236, 0.3457



84.8564, 0.2977, 0.3297



84.8564, 0.3018, 0.3128

Rectangle

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



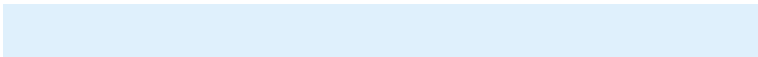
84.8564, 0.3279, 0.3281



84.8564, 0.3309, 0.3410



84.8564, 0.2977, 0.3297



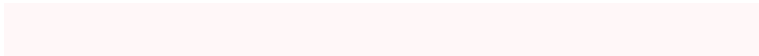
84.8564, 0.2948, 0.3168

Sweetspot

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



84.8565, 0.3279, 0.3281



94.7525, 0.3174, 0.3287



85.9782, 0.3130, 0.3068



19.9884, 0.3187, 0.3286



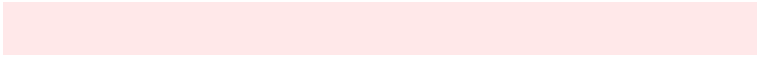
0.0000, 0.0000, 0.0000



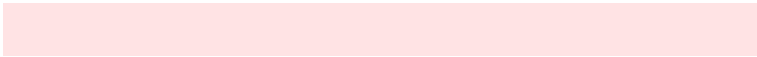
21.4041, 0.3127, 0.3290

Same Dimension

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



84.8565, 0.3279, 0.3281



81.7787, 0.3317, 0.3279



90.8007, 0.3274, 0.3392



17.9993, 0.3288, 0.3281



11.1262, 0.6359, 0.3277



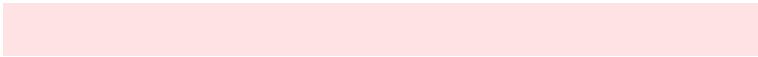
1.0874, 0.6260, 0.3222

Inverse Universe

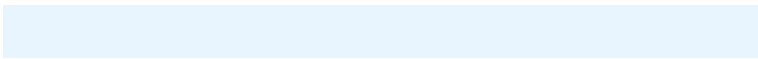
The Inverse Universe completely reimagines the original color for something new.



84.8565, 0.3279, 0.3281



81.7787, 0.3317, 0.3279



89.4709, 0.2987, 0.3186



17.9993, 0.3288, 0.3281



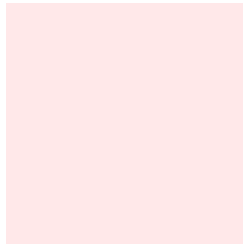
11.1262, 0.6359, 0.3277



1.0874, 0.6260, 0.3222

Previews

White Background



This preview shows how the Yxy color 84.8564, 0.3279, 0.3281 looks on a white background.

Color Contrast Check

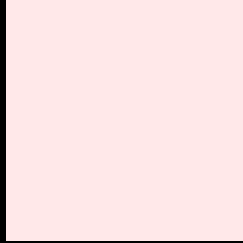
Large Text (above 18pt) WCAG AA × Fail

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 84.8564, 0.3279, 0.3281 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

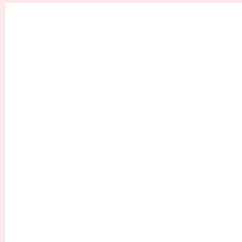
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.8564, 0.3279, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 84.8564, 0.3279, 0.3281.

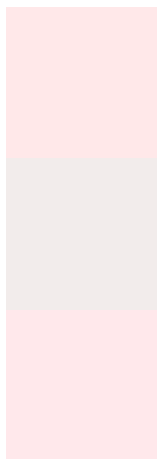


This preview shows how white text looks on a background with the Yxy color 84.8564, 0.3279, 0.3281.

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

84.8564, 0.3279, 0.3281

Protanopia

84.8663, 0.3174, 0.3300

Deuteranopia

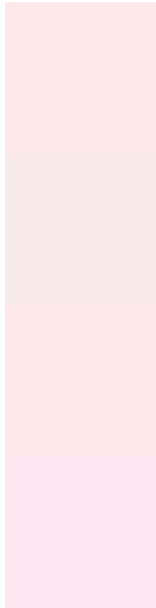
84.9714, 0.3266, 0.3261



Tritanopia

85.1272, 0.3189, 0.3134

Trichromacy



Original Color

84.8564, 0.3279, 0.3281

Protanomaly

85.1313, 0.3214, 0.3300

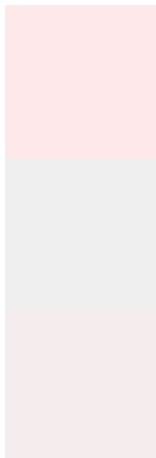
Deuteranomaly

84.9137, 0.3272, 0.3271

Tritanomaly

84.8226, 0.3221, 0.3183

Monochromacy



Original Color

84.8564, 0.3279, 0.3281

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.5178, 0.3181, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.8564, 0.3279, 0.3281 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, 232, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 233)  
}
```

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, 232, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 233) }
```

Border

The CSS property to change the border of an element to Yxy 84.8564, 0.3279, 0.3281 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, 232, 233) }
```

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

```
.border{ border-color:rgb(255, 232, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 84.8564, 0.3279, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 233) }
```

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

```
.background{ background-color: rgb(255,  
232, 233) }
```

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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