

Converting Colors

Yxy(91.9662, 0.3308, 0.3281)

Have a look what the booklet for
Yxy(91.9662, 0.3308, 0.3281)
contains.

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Color

Yxy(89.2843, 0.3227, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFF0
RGB	255, 239, 240
RGB Percent	100%, 94%, 94%
CMY	0.0002, 0.0626, 0.0589
CMYK	0.00, 0.06, 0.06, 0.00
HSL	356°, 99%, 97%
HSV	356°, 6%, 100%
XYZ	87.8148, 89.2843, 95.0261
YIQ	243.8980, 9.2150, 3.7030

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 239, 240
Decimal	16773104
CIE Lab	95.70, 5.52, 1.46
CIE LCh	96, 5.710, 14.781
Yxy	89.2843, 0.3227, 0.3281
Android (android.graphics.Color)	4294963184 (0xFFFFE0)
YUV	243.8980, -1.9217, 9.7365
Hunter-Lab	94.4904, 0.5312, 6.5171

Details

The Yxy color **89.2843, 0.3227, 0.3281** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96.9912, 0.3035, 0.3299**, and the grayscale version is **90.3872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3334, 0.3247, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **74.0647, 0.3419, 0.3266**, and if you desaturate by 10%, it is **99.9883, 0.3127, 0.3290**.

Distribution



Red (100%)

Green (94%)

Blue (94%)



Red (100%)

Yellow (94%)

Blue (94%)



Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.2843, 0.3227, 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 89.2843, 0.3227, 0.3281 by changing the saturation by 10% instead.

 89.2843, 0.3227,
0.3281

 89.2843, 0.3227,
0.3281

525.7000, 0.3182,
0.3285

 67.3872, 0.3237,
0.3280


146.3439, 0.3212,
0.3282

 49.3994, 0.3249,
0.3279


182.2751, 0.3206,
0.3283

 34.9364, 0.3264,
0.3277

223.6532, 0.3201,
0.3284

 23.6139, 0.3283,
0.3275

270.8625, 0.3196,
0.3284

 15.0474, 0.3308,
0.3273

324.2874, 0.3192,
0.3284

 8.8527, 0.3344,
0.3269

384.3124, 0.3188,

 4.6452, 0.3396,

0.3285

0.3263

451.3218, 0.3185,
0.3285

■ 2.0406, 0.3482,
0.3253

■ 0.6309, 0.3765,
0.3235

■ 89.2843, 0.3227,
0.3281

■ 89.2843, 0.3227,
0.3281

■ 74.0647, 0.3419,
0.3266

99.9883, 0.3127,
0.3290

■ 61.0398, 0.3659,
0.3250

■ 50.1119, 0.3957,
0.3234

■ 41.1715, 0.4319,
0.3220

■ 34.0989, 0.4742,
0.3211

■ 28.7618, 0.5207,
0.3209

■ 25.0106, 0.5666,
0.3218

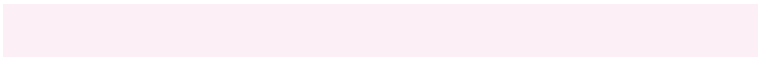
■ 22.6702, 0.6052,
0.3239

■ 21.5233, 0.6300,
0.3268

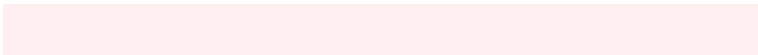
Harmonies

Analogous

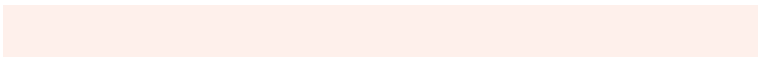
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2843, 0.3175, 0.3228



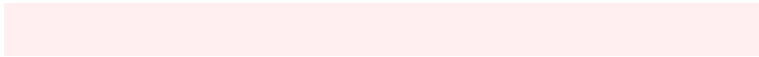
89.2843, 0.3227, 0.3281



89.2843, 0.3252, 0.3337

Triad

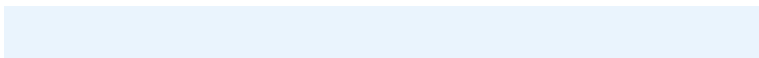
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2843, 0.3227, 0.3281



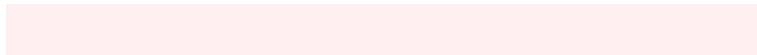
89.2843, 0.3144, 0.3392



89.2843, 0.3012, 0.3198

Complementary

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



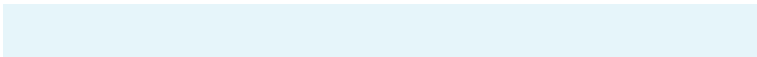
89.2843, 0.3227, 0.3281



96.9912, 0.3035, 0.3299

Split Complementary

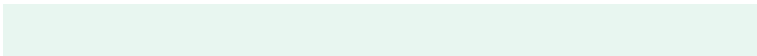
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.2843, 0.3004, 0.3241



89.2843, 0.3227, 0.3281



89.2843, 0.3079, 0.3354

Square

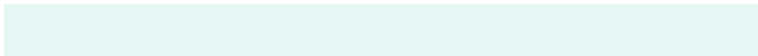
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.2843, 0.3227, 0.3281



89.2843, 0.3204, 0.3402



89.2843, 0.3028, 0.3298



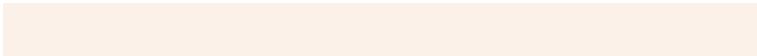
89.2843, 0.3050, 0.3180

Rectangle

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



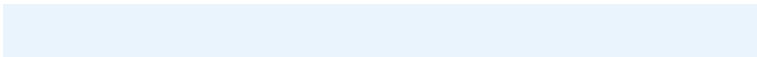
89.2843, 0.3227, 0.3281



89.2843, 0.3251, 0.3369



89.2843, 0.3028, 0.3298



89.2843, 0.3005, 0.3210

Sweetspot

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



89.2882, 0.3227, 0.3281



96.4841, 0.3158, 0.3287



90.0136, 0.3127, 0.3137



20.6884, 0.3156, 0.3287



0.0000, 0.0000, 0.0000



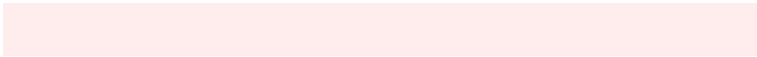
21.4041, 0.3127, 0.3290

Same Dimension

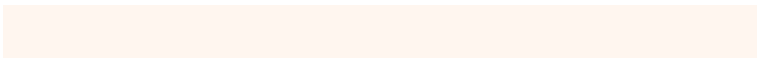
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2882, 0.3227, 0.3281



88.1011, 0.3240, 0.3280



93.3466, 0.3227, 0.3357



18.6490, 0.3251, 0.3279



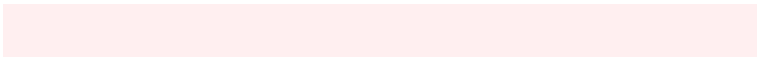
11.1340, 0.6340, 0.3266



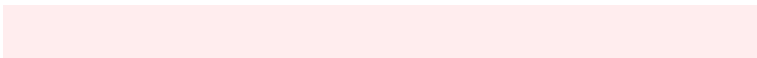
1.0900, 0.6201, 0.3190

Inverse Universe

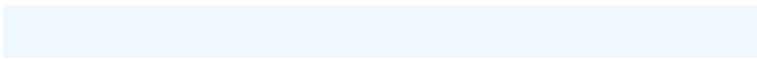
The Inverse Universe completely reimagines the original color for something new.



89.2882, 0.3227, 0.3281



88.1011, 0.3240, 0.3280



92.7337, 0.3031, 0.3222



18.6490, 0.3251, 0.3279



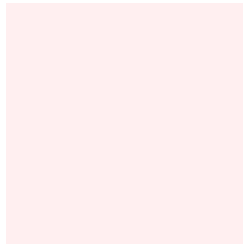
11.1340, 0.6340, 0.3266



1.0900, 0.6201, 0.3190

Previews

White Background



This preview shows how the Yxy color 89.2843, 0.3227, 0.3281 looks on a white background.

Color Contrast Check

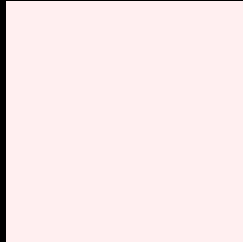
Large Text (above 18pt) WCAG AA × Fail

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 89.2843, 0.3227, 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

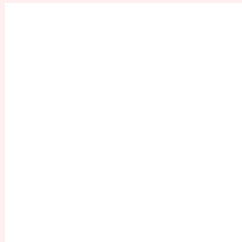
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.2843, 0.3227, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 89.2843, 0.3227, 0.3281.

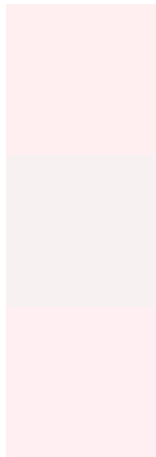


This preview shows how white text looks on a background with the Yxy color 89.2843, 0.3227, 0.3281.

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

89.2843, 0.3227, 0.3281

Protanopia

89.0356, 0.3167, 0.3290

Deuteranopia

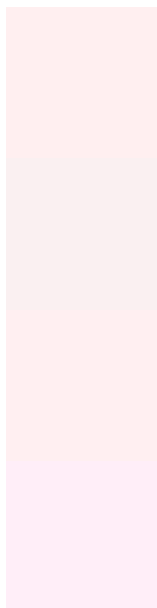
89.4038, 0.3215, 0.3261



Tritanopia

89.5009, 0.3147, 0.3146

Trichromacy



Original Color

89.2843, 0.3227, 0.3281

Protanomaly

88.9950, 0.3187, 0.3280

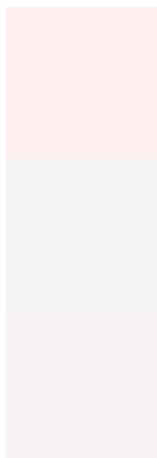
Deuteranomaly

89.3439, 0.3221, 0.3271

Tritanomaly

89.1864, 0.3178, 0.3193

Monochromacy



Original Color

89.2843, 0.3227, 0.3281

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

89.9318, 0.3160, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.2843, 0.3227, 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, 239, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 240)  
}
```

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, 239, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 240) }
```

Border

The CSS property to change the border of an element to Yxy 89.2843, 0.3227, 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, 239, 240) }
```

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

```
.border{ border-color:rgb(255, 239, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2843, 0.3227, 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, 239, 240) }
```

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

```
.background{ background-color: rgb(255,  
239, 240) }
```

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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