

Converting Colors

Yxy(93.9581, 0.3461, 0.3238)

Have a look what the booklet for
Yxy(93.9581, 0.3461, 0.3238)
contains.

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Color

Yxy(87.0275, 0.3224, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	FFEBF1
RGB	255, 235, 241
RGB Percent	100%, 92%, 95%
CMY	0.0002, 0.0783, 0.0550
CMYK	0.00, 0.08, 0.05, 0.00
HSL	342°, 100%, 96%
HSV	342°, 8%, 100%
XYZ	86.8121, 87.0275, 95.4287
YIQ	241.6640, 9.9940, 6.1060

Conversions

Conversions Part 2

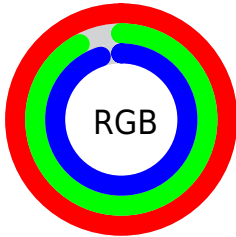
Format	Color
RYB	255, 235, 241
Decimal	16772081
CIELab	94.75, 7.75, -0.45
CIELCh	95, 7.764, 356.682
Yxy	87.0275, 0.3224, 0.3232
Android (android.graphics.Color)	4294962161 (0xFFFFEBF1)
YUV	241.6640, -0.3274, 11.6957
Hunter-Lab	93.2885, 2.8529, 4.6518

Details

The Yxy color **87.0275, 0.3224, 0.3232** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.9993, 0.3039, 0.3349**, and the grayscale version is **88.5087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.7487, 0.3244, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **72.4455, 0.3373, 0.3154**, and if you desaturate by 10%, it is **99.9923, 0.3127, 0.3290**.

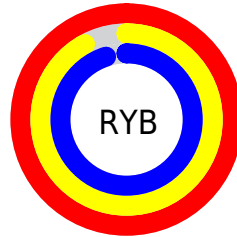
Distribution



Red (100%)

Green (92%)

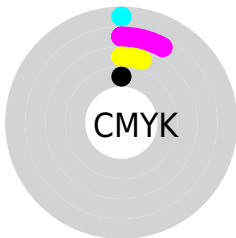
Blue (95%)



Red (100%)

Yellow (92%)

Blue (95%)

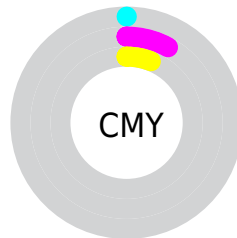


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (8%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.0275, 0.3224, 0.3232 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 87.0275, 0.3224, 0.3232 by changing the saturation by 10% instead.


 87.0275, 0.3224,
0.3232

 87.0275, 0.3224,
0.3232

518.3132, 0.3181,
0.3258

 65.5180, 0.3234,
0.3226


143.2025, 0.3209,
0.3241

 47.8812, 0.3245,
0.3219

178.6367, 0.3203,
0.3244

 33.7328, 0.3260,
0.3210


219.4813, 0.3198,
0.3247

 22.6884, 0.3279,
0.3199

266.1206, 0.3194,
0.3250

 14.3636, 0.3303,
0.3184

318.9391, 0.3190,
0.3252

 8.3740, 0.3338,
0.3164

378.3210, 0.3187,

 4.3352, 0.3390,

0.3255

0.3133

444.6510, 0.3183,
0.3256

■ 1.8628, 0.3475,
0.3083

■ 0.5258, 0.3788,
0.2891

■ 87.0275, 0.3224,
0.3232

■ 87.0275, 0.3224,
0.3232

■ 72.4455, 0.3373,
0.3154

99.9923, 0.3127,
0.3290

■ 59.9652, 0.3556,
0.3072

■ 49.4925, 0.3779,
0.2990

■ 40.9213, 0.4046,
0.2914

■ 34.1361, 0.4359,
0.2852

■ 29.0085, 0.4710,
0.2815

■ 25.3928, 0.5080,
0.2816

■ 23.1174, 0.5439,
0.2863

■ 21.9545, 0.5752,
0.2955

Harmonies

Analogous

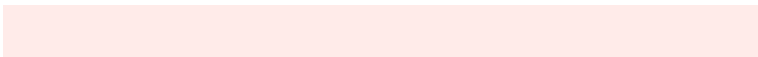
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0275, 0.3139, 0.3171



87.0275, 0.3224, 0.3232



87.0275, 0.3283, 0.3308

Triad

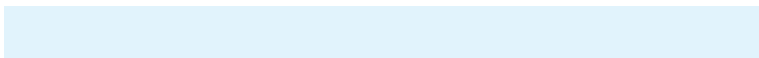
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0275, 0.3224, 0.3232



87.0275, 0.3202, 0.3443



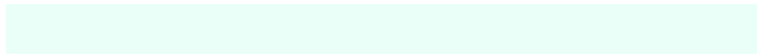
87.0275, 0.2957, 0.3196

Complementary

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



87.0275, 0.3224, 0.3232



95.9993, 0.3039, 0.3349

Split Complementary

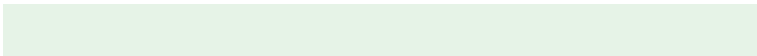
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.0275, 0.2973, 0.3269



87.0275, 0.3224, 0.3232



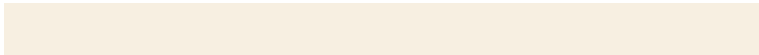
87.0275, 0.3114, 0.3413

Square

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



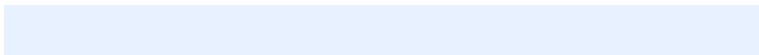
87.0275, 0.3224, 0.3232



87.0275, 0.3270, 0.3431



87.0275, 0.3030, 0.3349



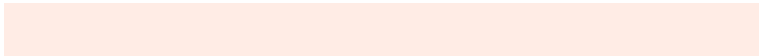
87.0275, 0.2985, 0.3150

Rectangle

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



87.0275, 0.3224, 0.3232



87.0275, 0.3300, 0.3358



87.0275, 0.3030, 0.3349



87.0275, 0.2958, 0.3218

Sweetspot

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



87.0313, 0.3224, 0.3232



96.5610, 0.3150, 0.3276



86.7821, 0.3097, 0.3096



20.7040, 0.3149, 0.3276



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

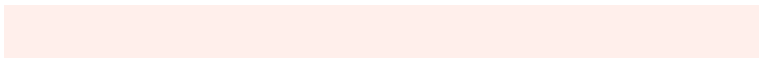
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.0313, 0.3224, 0.3232



85.2283, 0.3240, 0.3223



88.9901, 0.3258, 0.3329



18.0765, 0.3247, 0.3219



11.4063, 0.5772, 0.2953



1.1289, 0.5452, 0.2777

Inverse Universe

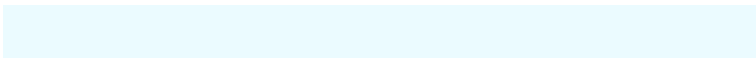
The Inverse Universe completely reimagines the original color for something new.



87.0313, 0.3224, 0.3232



85.2283, 0.3240, 0.3223



93.8600, 0.3006, 0.3250



18.0765, 0.3247, 0.3219



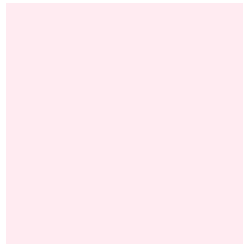
11.4063, 0.5772, 0.2953



1.1289, 0.5452, 0.2777

Previews

White Background



This preview shows how the Yxy color 87.0275, 0.3224, 0.3232 looks on a white background.

Color Contrast Check

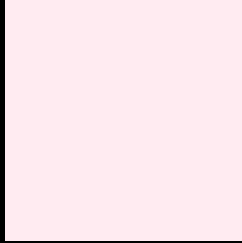
Large Text (above 18pt) WCAG AA × Fail

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 87.0275, 0.3224, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

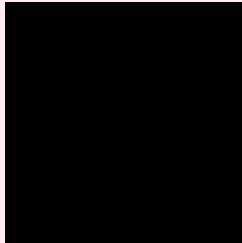
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.0275, 0.3224, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 87.0275, 0.3224, 0.3232.

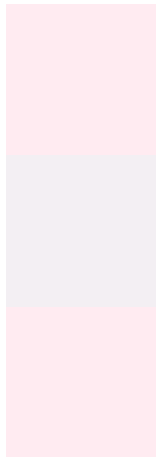


This preview shows how white text looks on a background with the Yxy color 87.0275, 0.3224, 0.3232.

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

87.0275, 0.3224, 0.3232

Protanopia

87.2588, 0.3129, 0.3250

Deuteranopia

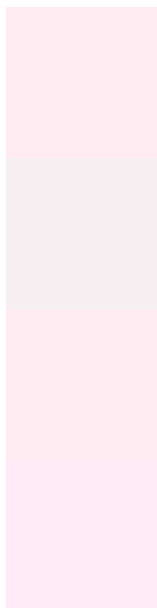
87.0275, 0.3224, 0.3232



Tritanopia

87.0707, 0.3162, 0.3126

Trichromacy



Original Color

87.0275, 0.3224, 0.3232

Protanomaly

87.3340, 0.3162, 0.3251

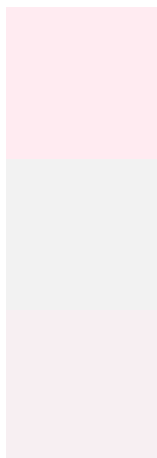
Deuteranomaly

87.0275, 0.3224, 0.3232

Tritanomaly

86.8210, 0.3187, 0.3164

Monochromacy



Original Color

87.0275, 0.3224, 0.3232

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

87.9180, 0.3162, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.0275, 0.3224, 0.3232 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, 235, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 241)  
}
```

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, 235, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 241) }
```

Border

The CSS property to change the border of an element to Yxy 87.0275, 0.3224, 0.3232 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, 235, 241) }
```

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

```
.border{ border-color:rgb(255, 235, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 87.0275, 0.3224, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 241) }
```

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

```
.background{ background-color: rgb(255,  
235, 241) }
```

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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