

Converting Colors

$Yxy(84.4364, 0.3274, 0.3265)$

Have a look what the booklet for
Yxy(84.4364, 0.3274, 0.3265)
contains.

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Color

Yxy(84.3523, 0.3273, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7EA
RGB	255, 231, 234
RGB Percent	100%, 91%, 92%
CMY	0.0000, 0.0941, 0.0824
CMYK	0.00, 0.09, 0.08, 0.00
HSL	353°, 100%, 95%
HSV	353°, 9%, 100%
XYZ	84.6627, 84.3523, 89.6550
YIQ	238.5180, 13.3410, 6.0210

Conversions

Conversions Part 2

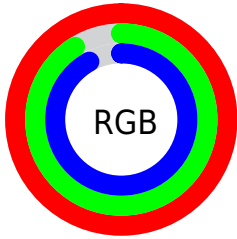
Format	Color
R _Y B	255, 231, 234
Decimal	16771050
CIE Lab	93.60, 8.66, 1.51
CIE LCh	94, 8.788, 9.922
Yxy	84.3523, 0.3273, 0.3261
Android (android.graphics.Color)	4294961130 (0xFFFFE7EA)
YUV	238.5180, -2.2274, 14.4547
Hunter-Lab	91.8435, 3.8178, 6.4132

Details

The Yxy color **84.3523, 0.3273, 0.3261** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.5320, 0.2998, 0.3319**, and the grayscale version is **85.9334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.8801, 0.3308, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **69.9026, 0.3465, 0.3228**, and if you desaturate by 10%, it is **99.9978, 0.3127, 0.3290**.

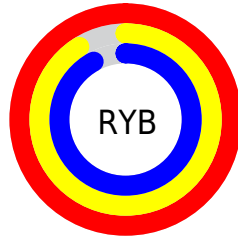
Distribution



Red (100%)

Green (91%)

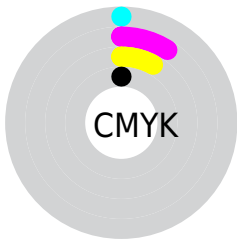
Blue (92%)



Red (100%)

Yellow (91%)

Blue (92%)

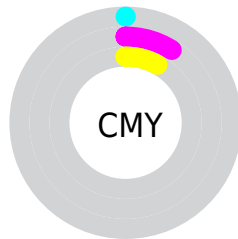


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.3523, 0.3273, 0.3261 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 84.3523, 0.3273, 0.3261 by changing the saturation by 10% instead.


 84.3523, 0.3273,
0.3261

 84.3523, 0.3273,
0.3261


509.4824, 0.3207,
0.3274

 63.3063, 0.3288,
0.3258


139.4679, 0.3250,
0.3266

 46.0891, 0.3306,
0.3254


174.3063, 0.3242,
0.3267

 32.3161, 0.3328,
0.3249


214.5110, 0.3234,
0.3269

 21.6031, 0.3357,
0.3243

260.4664, 0.3227,
0.3270

 13.5655, 0.3396,
0.3235

312.5568, 0.3221,
0.3272

 7.8191, 0.3451,
0.3223

371.1667, 0.3216,

 3.9794, 0.3533,

0.3273

0.3205

436.6804, 0.3211,
0.3274

■ 1.6621, 0.3672,
0.3172

■ 0.3989, 0.4481,
0.3027

■ 84.3523, 0.3273,
0.3261

■ 84.3523, 0.3273,
0.3261

■ 69.9026, 0.3465,
0.3228

99.9978, 0.3127,
0.3290

■ 57.5946, 0.3704,
0.3194

■ 47.3297, 0.3997,
0.3161

■ 38.9971, 0.4351,
0.3132

■ 32.4754, 0.4761,
0.3113

■ 27.6298, 0.5207,
0.3110

■ 24.3062, 0.5644,
0.3129

■ 22.3220, 0.6013,
0.3171

■ 21.4009, 0.6262,
0.3227

Harmonies

Analogous

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



84.3523, 0.3185, 0.3182



84.3523, 0.3273, 0.3261



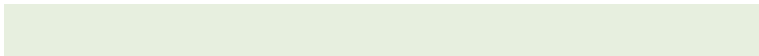
84.3523, 0.3321, 0.3349

Triad

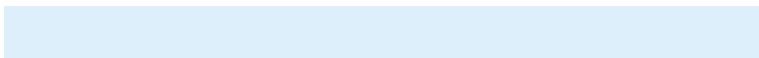
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3523, 0.3273, 0.3261



84.3523, 0.3169, 0.3456



84.3523, 0.2941, 0.3154

Complementary

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



84.3523, 0.3273, 0.3261



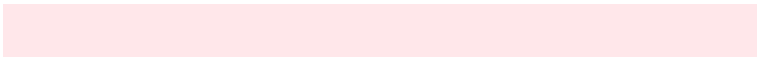
95.5320, 0.2998, 0.3319

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.



84.3523, 0.2937, 0.3226



84.3523, 0.3273, 0.3261



84.3523, 0.3067, 0.3402

Square

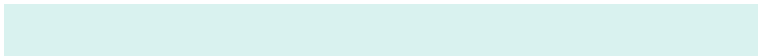
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3523, 0.3273, 0.3261



84.3523, 0.3260, 0.3463



84.3523, 0.2983, 0.3317



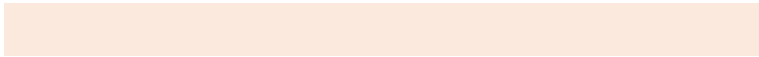
84.3523, 0.2994, 0.3120

Rectangle

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



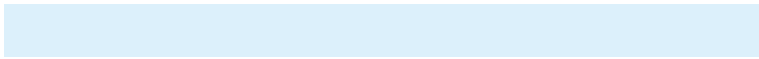
84.3523, 0.3273, 0.3261



84.3523, 0.3324, 0.3401



84.3523, 0.2983, 0.3317



84.3523, 0.2934, 0.3175

Sweetspot

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



84.3560, 0.3273, 0.3261



94.7918, 0.3170, 0.3281



85.0339, 0.3117, 0.3057



19.9989, 0.3183, 0.3279



0.0000, 0.0000, 0.0000



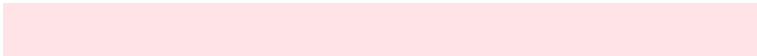
21.4041, 0.3127, 0.3290

Same Dimension

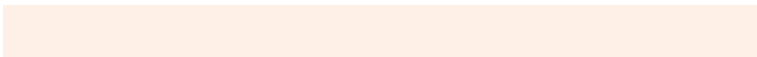
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3560, 0.3273, 0.3261



81.9087, 0.3301, 0.3256



89.2321, 0.3283, 0.3377



18.0238, 0.3275, 0.3261



11.1739, 0.6248, 0.3215



1.0990, 0.6003, 0.3081

Inverse Universe

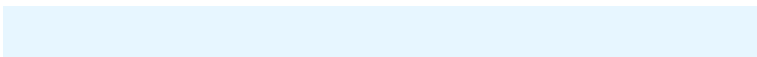
The Inverse Universe completely reimagines the original color for something new.



84.3560, 0.3273, 0.3261



81.9087, 0.3301, 0.3256



90.2413, 0.2981, 0.3202



18.0238, 0.3275, 0.3261



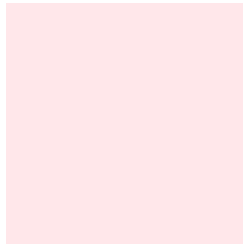
11.1739, 0.6248, 0.3215



1.0990, 0.6003, 0.3081

Previews

White Background



This preview shows how the Yxy color 84.3523, 0.3273, 0.3261 looks on a white background.

Color Contrast Check

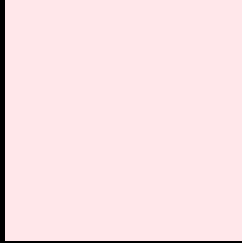
Large Text (above 18pt) WCAG AA × Fail

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 84.3523, 0.3273, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

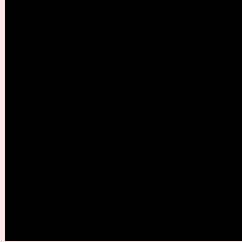
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

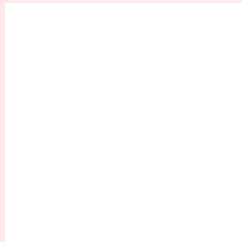
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.3523, 0.3273, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 84.3523, 0.3273, 0.3261.

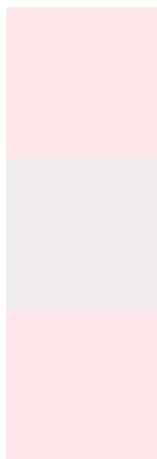


This preview shows how white text looks on a background with the Yxy color 84.3523, 0.3273, 0.3261.

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

84.3523, 0.3273, 0.3261

Protanopia

84.8061, 0.3154, 0.3280

Deuteranopia

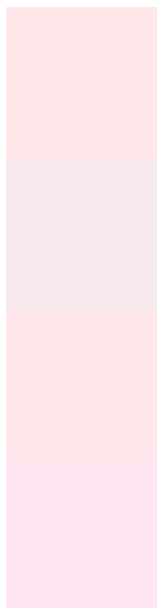
84.4100, 0.3266, 0.3251



Tritanopia

84.5074, 0.3196, 0.3134

Trichromacy



Original Color

84.3523, 0.3273, 0.3261

Protanomaly

84.4946, 0.3196, 0.3270

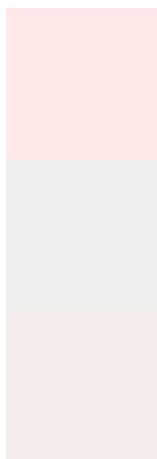
Deuteranomaly

84.4100, 0.3266, 0.3251

Tritanomaly

84.2644, 0.3222, 0.3173

Monochromacy



Original Color

84.3523, 0.3273, 0.3261

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 84.3523, 0.3273, 0.3261 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, 231, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 234)  
}
```

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, 231, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 234) }
```

Border

The CSS property to change the border of an element to Yxy 84.3523, 0.3273, 0.3261 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, 231, 234) }
```

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

```
.border{ border-color:rgb(255, 231, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 84.3523, 0.3273, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 234) }
```

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

```
.background{ background-color: rgb(255,  
231, 234) }
```

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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