

Converting Colors

$Y_{xy}(84.1296, 0.3161, 0.3142)$

Have a look what the booklet for
Yxy(84.1296, 0.3161, 0.3142)
contains.

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Color

Yxy(84.1296, 0.3161, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	FAE7F6
RGB	250, 231, 246
RGB Percent	98%, 91%, 96%
CMY	0.0196, 0.0941, 0.0352
CMYK	0.00, 0.08, 0.02, 0.02
HSL	313°, 66%, 94%
HSV	313°, 8%, 98%
XYZ	84.6383, 84.1296, 98.9902
YIQ	238.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

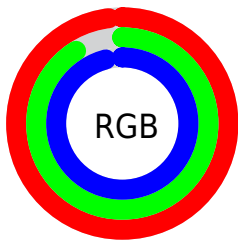
Format	Color
R _Y B	250, 231, 246
Decimal	16443382
CIE Lab	93.51, 9.03, -4.94
CIE LCh	94, 10.292, 331.285
Yxy	84.1296, 0.3161, 0.3142
Android (android.graphics.Color)	4294633462 (0xFFFAE7F6)
YUV	238.3910, 3.7512, 10.1811
Hunter-Lab	91.7222, 4.2003, 0.2174

Details

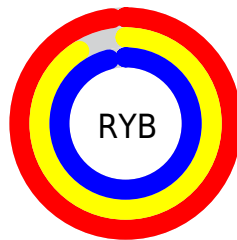
The Yxy color $84.1296, 0.3161, 0.3142$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $91.3580, 0.3095, 0.3443$, and the grayscale version is $85.7889, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $45.7151, 0.3162, 0.3101$ is the 20% darker color. If you saturate the color by 10%, you get $70.8074, 0.3212, 0.2940$, and if you desaturate by 10%, it is $98.8254, 0.3118, 0.3326$.

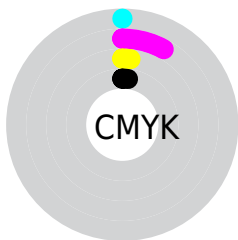
Distribution



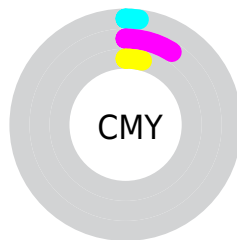
- Red (98%)
- Green (91%)
- Blue (96%)



- Red (98%)
- Yellow (91%)
- Blue (96%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (2%)




- Cyan (2%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.1296, 0.3161, 0.3142 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 84.1296, 0.3161, 0.3142 by changing the saturation by 10% instead.

 84.1296, 0.3161,
0.3142

 84.1296, 0.3161,
0.3142


508.7435, 0.3146,
0.3208

 63.1224, 0.3164,
0.3127


139.1565, 0.3156,
0.3164

 45.9403, 0.3168,
0.3110

173.9449, 0.3154,
0.3173

 32.1987, 0.3173,
0.3088


214.0960, 0.3152,
0.3181

 21.5133, 0.3179,
0.3060

259.9940, 0.3151,
0.3188

 13.4997, 0.3187,
0.3023

312.0234, 0.3149,
0.3194

 7.7736, 0.3198,
0.2971

370.5685, 0.3148,

 3.9504, 0.3214,

0.3199

0.2896

436.0137, 0.3147,
0.3204

■ 1.6459, 0.3238,
0.2773

■ 0.3882, 0.3375,
0.2224

■ 84.1296, 0.3161,
0.3142

■ 84.1296, 0.3161,
0.3142

■ 70.8074, 0.3212,
0.2940

■ 98.8254, 0.3118,
0.3326

■ 59.4048, 0.3270,
0.2735

■ 99.0642, 0.3096,
0.3290

■ 49.8352, 0.3336,
0.2533

■ 42.0009, 0.3409,
0.2342

■ 35.7952, 0.3488,
0.2172

■ 31.0994, 0.3571,
0.2034

■ 27.7790, 0.3654,
0.1937

■ 25.6752, 0.3737,
0.1887

■ 24.5785, 0.3815,
0.1883

Harmonies

Analogous

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



84.1296, 0.3042, 0.3095



84.1296, 0.3161, 0.3142



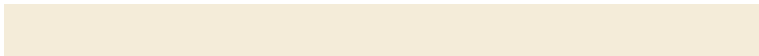
84.1296, 0.3272, 0.3227

Triad

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



84.1296, 0.3161, 0.3142



84.1296, 0.3308, 0.3485



84.1296, 0.2914, 0.3244

Complementary

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



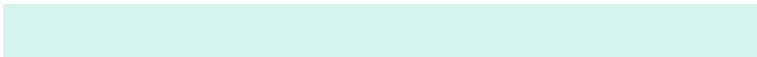
84.1296, 0.3161, 0.3142



91.3580, 0.3095, 0.3443

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.



84.1296, 0.2983, 0.3353



84.1296, 0.3161, 0.3142



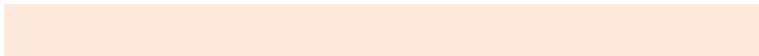
84.1296, 0.3209, 0.3494

Square

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



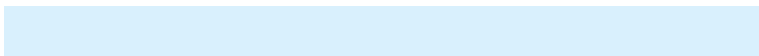
84.1296, 0.3161, 0.3142



84.1296, 0.3358, 0.3424



84.1296, 0.3090, 0.3445



84.1296, 0.2902, 0.3151

Rectangle

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



84.1296, 0.3161, 0.3142



84.1296, 0.3326, 0.3295



84.1296, 0.3090, 0.3445



84.1296, 0.2932, 0.3280

Sweetspot

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



84.1332, 0.3161, 0.3142



96.7206, 0.3136, 0.3252



81.6840, 0.3035, 0.3098



20.7365, 0.3135, 0.3253



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.



84.1332, 0.3161, 0.3142



85.9163, 0.3168, 0.3114



83.5746, 0.3221, 0.3234



17.4588, 0.3170, 0.3104



12.9589, 0.3821, 0.1879



1.2153, 0.3734, 0.1831

Inverse Universe

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



84.1332, 0.3161, 0.3142



85.9163, 0.3168, 0.3114



91.9114, 0.3041, 0.3347



17.4588, 0.3170, 0.3104



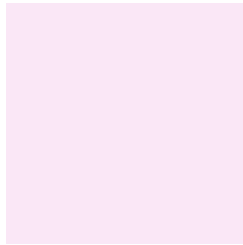
12.9589, 0.3821, 0.1879



1.2153, 0.3734, 0.1831

Previews

White Background



This preview shows how the Yxy color 84.1296, 0.3161, 0.3142 looks on a white background.

Color Contrast Check

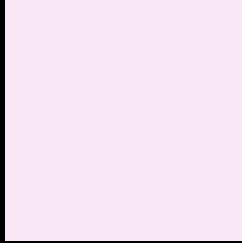
Large Text (above 18pt) WCAG AA × Fail

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 84.1296, 0.3161, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

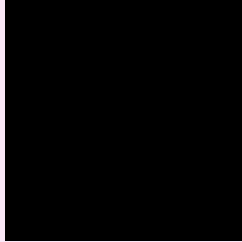
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

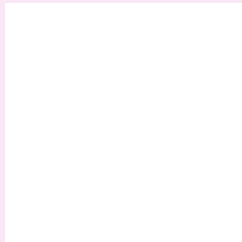
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.1296, 0.3161, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 84.1296, 0.3161, 0.3142.



This preview shows how white text looks on a background with the Yxy color 84.1296, 0.3161, 0.3142.

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

84.1296, 0.3161, 0.3142

Protanopia

84.1985, 0.3061, 0.3159

Deuteranopia

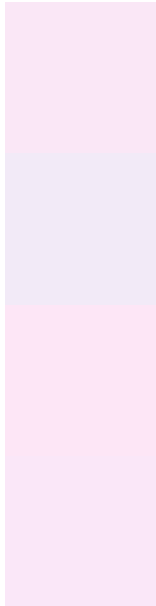
83.9524, 0.3196, 0.3124



Tritanopia

84.3154, 0.3142, 0.3113

Trichromacy



Original Color

84.1296, 0.3161, 0.3142

Protanomaly

84.4383, 0.3100, 0.3160

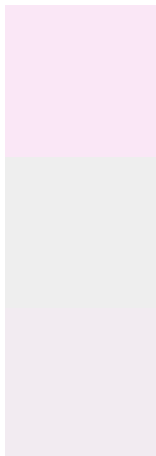
Deuteranomaly

84.1301, 0.3182, 0.3133

Tritanomaly

84.2531, 0.3149, 0.3123

Monochromacy



Original Color

84.1296, 0.3161, 0.3142

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

84.6448, 0.3137, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.1296, 0.3161, 0.3142 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(250, 231, 246)` looks like.

```
.text, #text, p{  
    color:rgb(250, 231, 246)  
}
```

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(250, 231, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 231, 246) }
```

Border

The CSS property to change the border of an element to Yxy 84.1296, 0.3161, 0.3142 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(250, 231, 246) }
```

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

```
.border{ border-color:rgb(250, 231, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 231, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 231, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 231, 246);  
box-shadow:4px 4px 4px 4px rgb(250, 231,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 84.1296, 0.3161, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 231, 246) }
```

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

```
.background{ background-color: rgb(250,  
231, 246) }
```

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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