

Converting Colors

$Y_{xy}(100.0000, 0.3738, 0.3237)$

Have a look what the booklet for
Yxy(100.0000, 0.3738, 0.3237)
contains.

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Color

Yxy(84.5263, 0.3253, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7ED
RGB	255, 231, 237
RGB Percent	100%, 91%, 93%
CMY	0.0001, 0.0941, 0.0704
CMYK	0.00, 0.09, 0.07, 0.00
HSL	345°, 100%, 95%
HSV	345°, 9%, 100%
XYZ	85.1018, 84.5263, 91.9822
YIQ	238.8600, 12.3780, 6.9540

Conversions

Conversions Part 2

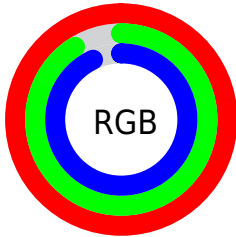
Format	Color
R _Y B	255, 231, 237
Decimal	16771053
CIE Lab	93.68, 9.16, 0.04
CIE LCh	94, 9.162, 0.225
Yxy	84.5263, 0.3253, 0.3231
Android (android.graphics.Color)	4294961133 (0xFFFE7ED)
YUV	238.8600, -0.9170, 14.1548
Hunter-Lab	91.9382, 4.3353, 5.0383

Details

The Yxy color **84.5263, 0.3253, 0.3231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.3358, 0.3015, 0.3350**, and the grayscale version is **86.2047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.0019, 0.3282, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **70.2237, 0.3417, 0.3164**, and if you desaturate by 10%, it is **99.9968, 0.3127, 0.3290**.

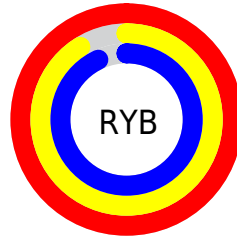
Distribution



Red (100%)

Green (91%)

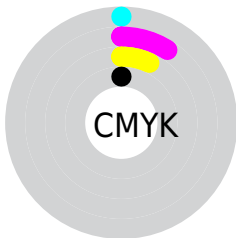
Blue (93%)



Red (100%)

Yellow (91%)

Blue (93%)

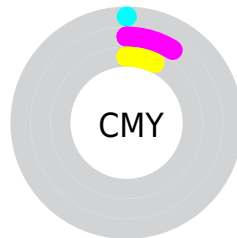


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.5263, 0.3253, 0.3231 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 84.5263, 0.3253, 0.3231 by changing the saturation by 10% instead.


 84.5263, 0.3253,
0.3231

 84.5263, 0.3253,
0.3231


510.0593, 0.3196,
0.3258

 63.4500, 0.3266,
0.3225

139.7112, 0.3234,
0.3240

 46.2054, 0.3281,
0.3218


174.5885, 0.3226,
0.3244

 32.4079, 0.3300,
0.3209

214.8351, 0.3219,
0.3247

 21.6733, 0.3325,
0.3197

260.8352, 0.3214,
0.3250

 13.6170, 0.3358,
0.3181

312.9733, 0.3209,
0.3252

 7.8548, 0.3405,
0.3159

371.6338, 0.3204,

 4.0022, 0.3475,

0.3254

0.3126

437.2010, 0.3200,
0.3256

■ 1.6748, 0.3592,
0.3071

■ 0.4072, 0.4186,
0.2791

■ 84.5263, 0.3253,
0.3231

■ 84.5263, 0.3253,
0.3231

■ 70.2237, 0.3417,
0.3164

99.9968, 0.3127,
0.3290

■ 58.0220, 0.3620,
0.3095

■ 47.8250, 0.3867,
0.3027

■ 39.5246, 0.4163,
0.2965

■ 33.0026, 0.4507,
0.2917

■ 28.1273, 0.4890,
0.2895

■ 24.7484, 0.5285,
0.2909

■ 22.6881, 0.5653,
0.2966

■ 21.6753, 0.5954,
0.3057

Harmonies

Analogous

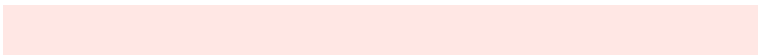
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.5263, 0.3154, 0.3156



84.5263, 0.3253, 0.3231



84.5263, 0.3319, 0.3322

Triad

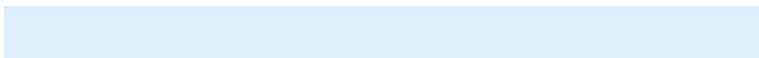
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5263, 0.3253, 0.3231



84.5263, 0.3204, 0.3471



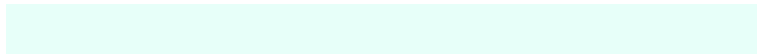
84.5263, 0.2926, 0.3169

Complementary

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



84.5263, 0.3253, 0.3231



95.3358, 0.3015, 0.3350

Split Complementary

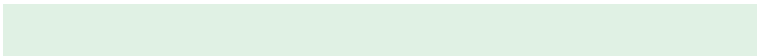
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5263, 0.2939, 0.3253



84.5263, 0.3253, 0.3231



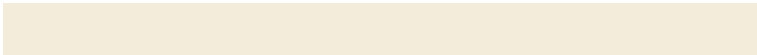
84.5263, 0.3098, 0.3430

Square

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



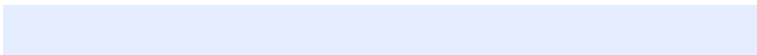
84.5263, 0.3253, 0.3231



84.5263, 0.3290, 0.3462



84.5263, 0.3002, 0.3349



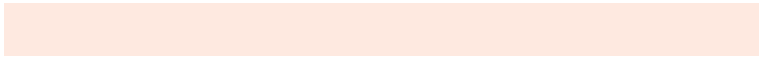
84.5263, 0.2966, 0.3120

Rectangle

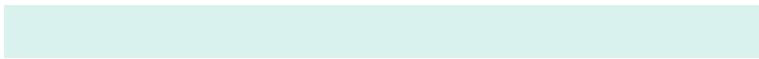
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



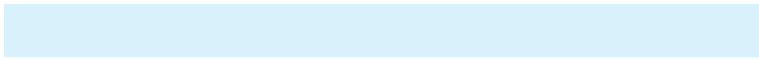
84.5263, 0.3253, 0.3231



84.5263, 0.3334, 0.3381



84.5263, 0.3002, 0.3349



84.5263, 0.2925, 0.3194

Sweetspot

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



84.5300, 0.3253, 0.3231



94.8526, 0.3165, 0.3272



84.4396, 0.3095, 0.3055



20.0153, 0.3175, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

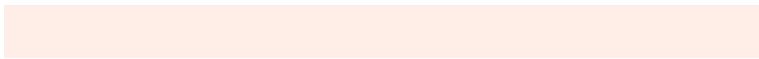
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5300, 0.3253, 0.3231



82.1119, 0.3277, 0.3221



87.3650, 0.3287, 0.3346



18.0621, 0.3254, 0.3230



11.3234, 0.5930, 0.3041



1.1192, 0.5615, 0.2867

Inverse Universe

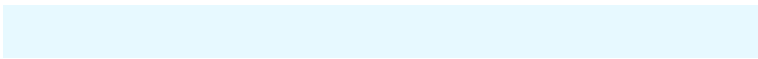
The Inverse Universe completely reimagines the original color for something new.



84.5300, 0.3253, 0.3231



82.1119, 0.3277, 0.3221



92.2012, 0.2981, 0.3234



18.0621, 0.3254, 0.3230



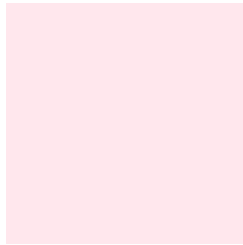
11.3234, 0.5930, 0.3041



1.1192, 0.5615, 0.2867

Previews

White Background



This preview shows how the Yxy color 84.5263, 0.3253, 0.3231 looks on a white background.

Color Contrast Check

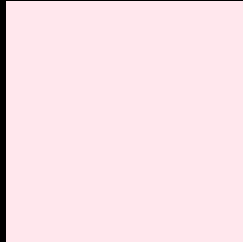
Large Text (above 18pt) WCAG AA × Fail

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 84.5263, 0.3253, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

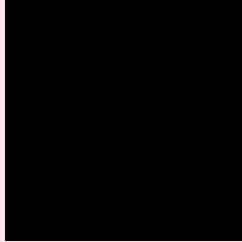
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

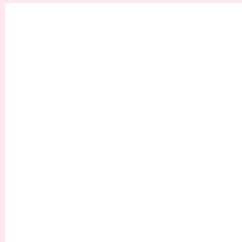
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.5263, 0.3253, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 84.5263, 0.3253, 0.3231.

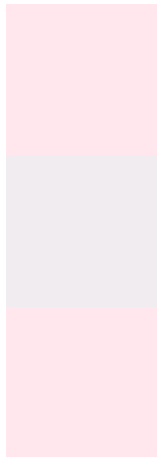


This preview shows how white text looks on a background with the Yxy color 84.5263, 0.3253, 0.3231.

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

84.5263, 0.3253, 0.3231

Protanopia

84.8074, 0.3129, 0.3250

Deuteranopia

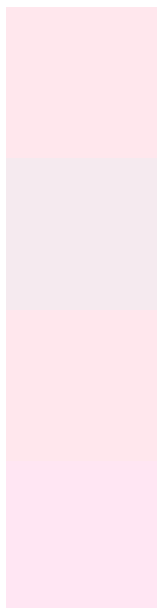
84.5263, 0.3253, 0.3231



Tritanopia

84.5690, 0.3189, 0.3125

Trichromacy



Original Color

84.5263, 0.3253, 0.3231

Protanomaly

84.4901, 0.3170, 0.3240

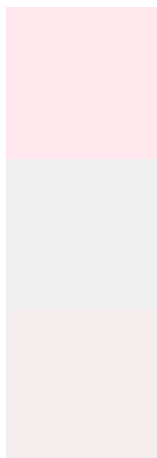
Deuteranomaly

84.5263, 0.3253, 0.3231

Tritanomaly

84.3247, 0.3215, 0.3163

Monochromacy



Original Color

84.5263, 0.3253, 0.3231

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.5764, 0.3175, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5263, 0.3253, 0.3231 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 237) }
```

Border

The CSS property to change the border of an element to Yxy 84.5263, 0.3253, 0.3231 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, 237) }
```

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

```
.border{ border-color:rgb(255, 231, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 84.5263, 0.3253, 0.3231 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, 237) }
```

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

```
.background{ background-color: rgb(255,  
231, 237) }
```

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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