

Converting Colors

Yxy(84.8061, 0.3362, 0.3421)

Have a look what the booklet for
Yxy(84.8061, 0.3362, 0.3421)
contains.

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Color

Yxy(84.7051, 0.3363, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	FFE9DC
RGB	255, 233, 220
RGB Percent	100%, 91%, 86%
CMY	0.0001, 0.0862, 0.1372
CMYK	0.00, 0.09, 0.14, 0.00
HSL	22°, 100%, 93%
HSV	22°, 14%, 100%
XYZ	83.2933, 84.7051, 79.6773
YIQ	238.0960, 17.2850, 0.6210

Conversions

Conversions Part 2

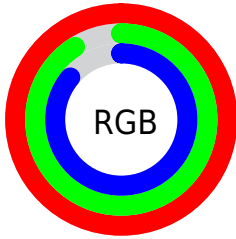
Format	Color
R _Y B	255, 241, 220
Decimal	16771548
CIE Lab	93.76, 5.39, 9.01
CIE LCh	94, 10.497, 59.098
Yxy	84.7051, 0.3363, 0.3420
Android (android.graphics.Color)	4294961628 (0xFFFFE9DC)
YUV	238.0960, -8.9213, 14.8248
Hunter-Lab	92.0354, 0.4832, 13.0960

Details

The Yxy color **84.7051, 0.3363, 0.3420** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.9313, 0.2913, 0.3156**, and the grayscale version is **85.6400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1667, 0.3416, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **74.7959, 0.3570, 0.3521**, and if you desaturate by 10%, it is **95.6514, 0.3186, 0.3324**.

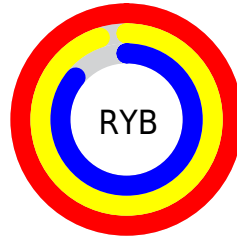
Distribution



Red (100%)

Green (91%)

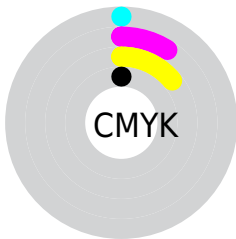
Blue (86%)



Red (100%)

Yellow (95%)

Blue (86%)

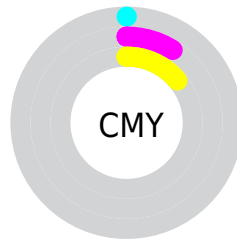


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.7051, 0.3363, 0.3420 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 84.7051, 0.3363, 0.3420 by changing the saturation by 10% instead.

 84.7051, 0.3363,
0.3420

 84.7051, 0.3363,
0.3420


510.6518, 0.3256,
0.3362

 63.5977, 0.3387,
0.3433

139.9611, 0.3326,
0.3400

 46.3249, 0.3416,
0.3448


174.8785, 0.3312,
0.3393

 32.5023, 0.3453,
0.3467


215.1681, 0.3300,
0.3386

 21.7455, 0.3500,
0.3491

261.2141, 0.3289,
0.3380

 13.6700, 0.3563,
0.3522

313.4012, 0.3279,
0.3375

 7.8915, 0.3651,
0.3566

372.1135, 0.3271,

 4.0256, 0.3784,

0.3370

0.3628

437.7356, 0.3263,
0.3366

■ 1.6879, 0.4004,
0.3724

■ 0.4158, 0.5589,
0.4411

■ 84.7051, 0.3363,
0.3420

■ 84.7051, 0.3363,
0.3420

■ 74.7959, 0.3570,
0.3521

■ 95.6514, 0.3186,
0.3324

■ 65.8814, 0.3811,
0.3625

99.9967, 0.3127,
0.3290

■ 57.9327, 0.4087,
0.3725

■ 50.9150, 0.4396,
0.3815

■ 44.7914, 0.4730,
0.3882

■ 39.5220, 0.5070,
0.3915

■ 35.0633, 0.5392,
0.3901

■ 31.3665, 0.5666,
0.3833

■ 29.4014, 0.5809,
0.3770

Harmonies

Analogous

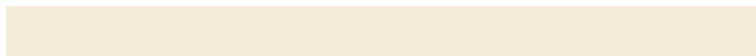
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7051, 0.3345, 0.3322



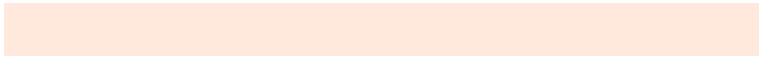
84.7051, 0.3363, 0.3420



84.7051, 0.3316, 0.3486

Triad

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



84.7051, 0.3363, 0.3420



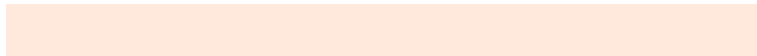
84.7051, 0.2987, 0.3362



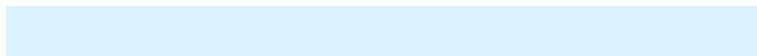
84.7051, 0.3033, 0.3090

Complementary

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



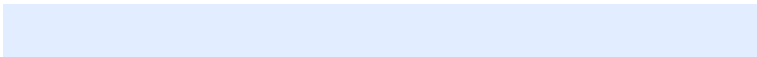
84.7051, 0.3363, 0.3420



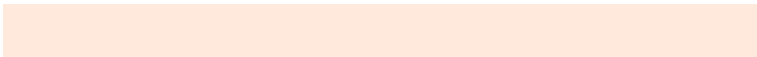
85.9313, 0.2913, 0.3156

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.



84.7051, 0.2940, 0.3096



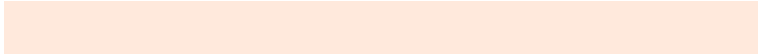
84.7051, 0.3363, 0.3420



84.7051, 0.2914, 0.3251

Square

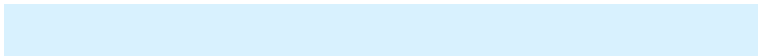
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.7051, 0.3363, 0.3420



84.7051, 0.3099, 0.3453



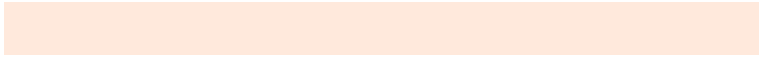
84.7051, 0.2897, 0.3154



84.7051, 0.3153, 0.3134

Rectangle

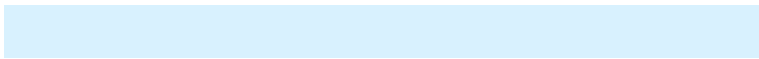
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.7051, 0.3363, 0.3420



84.7051, 0.3256, 0.3501



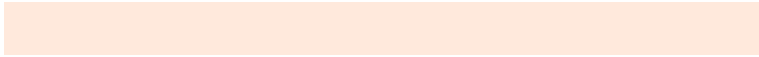
84.7051, 0.2897, 0.3154



84.7051, 0.2997, 0.3086

Sweetspot

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



84.7089, 0.3363, 0.3420



95.3394, 0.3191, 0.3327



78.8701, 0.3228, 0.3072



20.2230, 0.3203, 0.3334



0.0000, 0.0000, 0.0000



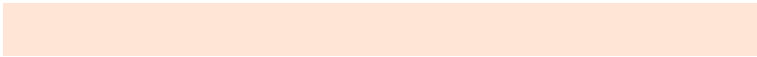
21.4041, 0.3127, 0.3290

Same Dimension

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



84.7089, 0.3363, 0.3420



82.3665, 0.3408, 0.3443



94.9950, 0.3339, 0.3587



19.0930, 0.3285, 0.3379



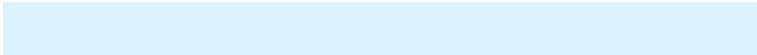
15.6266, 0.5779, 0.3793



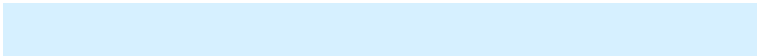
1.7224, 0.5565, 0.3963

Inverse Universe

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



85.9313, 0.2913, 0.3156



83.7689, 0.2877, 0.3132



76.1114, 0.2908, 0.2975



19.2799, 0.2979, 0.3200



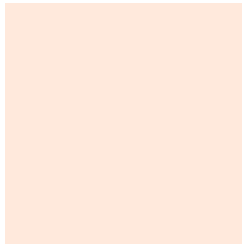
17.2443, 0.1895, 0.2021



1.8885, 0.1939, 0.2182

Previews

White Background



This preview shows how the Yxy color 84.7051, 0.3363, 0.3420 looks on a white background.

Color Contrast Check

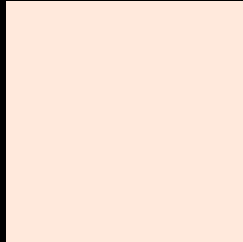
Large Text (above 18pt) WCAG AA × Fail

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 84.7051, 0.3363, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

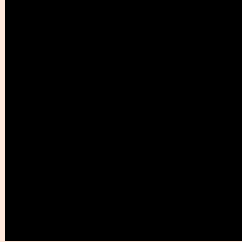
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.7051, 0.3363, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 84.7051, 0.3363, 0.3420.

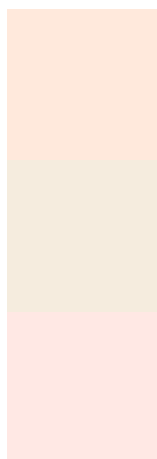


This preview shows how white text looks on a background with the Yxy color 84.7051, 0.3363, 0.3420.

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

84.7051, 0.3363, 0.3420

Protanopia

84.6773, 0.3277, 0.3432

Deuteranopia

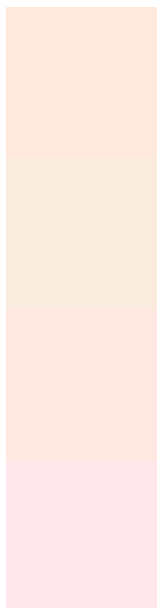
84.5747, 0.3311, 0.3330



Tritanopia

84.4462, 0.3202, 0.3144

Trichromacy



Original Color

84.7051, 0.3363, 0.3420

Protanomaly

84.7769, 0.3312, 0.3431

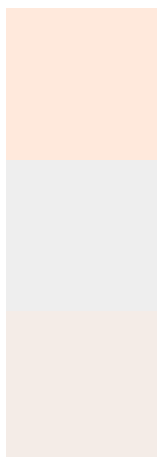
Deuteranomaly

84.4095, 0.3331, 0.3360

Tritanomaly

84.4680, 0.3260, 0.3241

Monochromacy



Original Color

84.7051, 0.3363, 0.3420

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

84.9935, 0.3212, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.7051, 0.3363, 0.3420 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, 233, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 220)  
}
```

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, 233, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 220) }
```

Border

The CSS property to change the border of an element to Yxy 84.7051, 0.3363, 0.3420 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, 233, 220) }
```

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

```
.border{ border-color:rgb(255, 233, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 233, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 233, 220); box-shadow:4px 4px 4px 4px rgb(255, 233, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 84.7051, 0.3363, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 220) }
```

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

```
.background{ background-color: rgb(255,  
233, 220) }
```

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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