

Converting Colors

$Yxy(87.5646, 0.3635, 0.3947)$

Have a look what the booklet for
Yxy(87.5646, 0.3635, 0.3947)
contains.

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Color

Yxy(87.3052, 0.3635, 0.3941)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1B0
RGB	255, 241, 176
RGB Percent	100%, 95%, 69%
CMY	0.0001, 0.0548, 0.3097
CMYK	0.00, 0.05, 0.31, 0.00
HSL	49°, 100%, 85%
HSV	49°, 31%, 100%
XYZ	80.5264, 87.3052, 53.6990
YIQ	237.7760, 29.2090, -17.2470

Conversions

Conversions Part 2

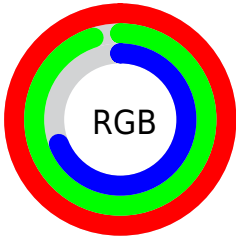
Format	Color
R _Y B	193, 255, 176
Decimal	16773552
CIE Lab	94.87, -4.76, 33.14
CIE LCh	95, 33.476, 98.173
Yxy	87.3052, 0.3635, 0.3941
Android (android.graphics.Color)	4294963632 (0xFFFFF1B0)
YUV	237.7760, -30.4556, 15.1054
Hunter-Lab	93.4373, -9.6798, 31.3317

Details

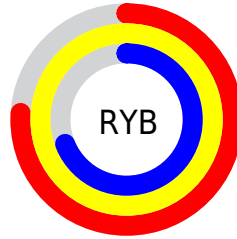
The Yxy color **87.3052, 0.3635, 0.3941** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.2761, 0.2593, 0.2541**, and the grayscale version is **85.5426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **47.9983, 0.3736, 0.4080** is the 20% darker color. If you saturate the color by 10%, you get **83.7562, 0.3810, 0.4149**, and if you desaturate by 10%, it is **91.1177, 0.3462, 0.3727**.

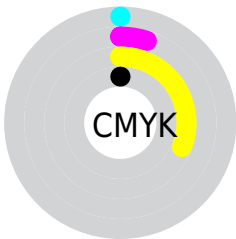
Distribution



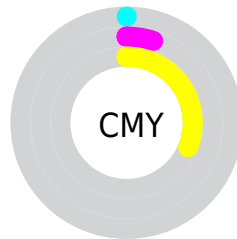
- Red (100%)
- Green (95%)
- Blue (69%)



- Red (76%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (5%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (5%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 87.3052, 0.3635, 0.3941 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 87.3052, 0.3635, 0.3941 by changing the saturation by 10% instead.

 87.3052, 0.3635,
0.3941

 87.3052, 0.3635,
0.3941


519.2252, 0.3412,
0.3649

 65.7478, 0.3683,
0.4005


 143.5895, 0.3560,
0.3842

 48.0677, 0.3740,
0.4082

179.0851, 0.3530,
0.3803

 33.8805, 0.3809,
0.4176


219.9956, 0.3504,
0.3769

 22.8018, 0.3895,
0.4295

266.7054, 0.3481,
0.3739

 14.4472, 0.4001,
0.4447

319.5989, 0.3461,
0.3713

 8.4324, 0.4135,
0.4647

379.0604, 0.3443,

 4.3728, 0.4310,

0.3689

0.4923

445.4744, 0.3427,
0.3668

■ 1.8842, 0.4601,
0.5399

■ 0.5389, 0.4236,
0.5764

■ 87.3052, 0.3635,
0.3941

■ 87.3052, 0.3635,
0.3941

■ 83.7562, 0.3810,
0.4149

■ 91.1177, 0.3462,
0.3727

■ 80.4478, 0.3982,
0.4342

■ 95.1922, 0.3297,
0.3515

■ 77.3717, 0.4144,
0.4509

■ 99.5421, 0.3141,
0.3309

■ 74.5145, 0.4287,
0.4640

■ 99.9944, 0.3127,
0.3290

■ 71.8605, 0.4405,
0.4727

■ 69.3914, 0.4494,
0.4767

■ 67.2923, 0.4552,
0.4768

Harmonies

Analogous

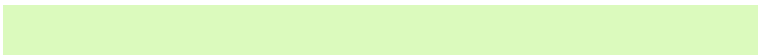
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3052, 0.3851, 0.3751



87.3052, 0.3635, 0.3941



87.3052, 0.3289, 0.3952

Triad

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



87.3052, 0.3635, 0.3941



87.3052, 0.2442, 0.3045



87.3052, 0.3315, 0.2887

Complementary

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



87.3052, 0.3635, 0.3941



53.2761, 0.2593, 0.2541

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.



87.3052, 0.2931, 0.2715



87.3052, 0.3635, 0.3941



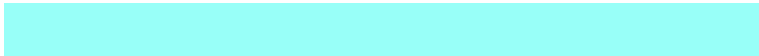
87.3052, 0.2447, 0.2786

Square

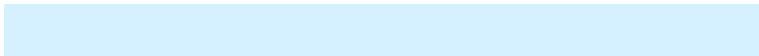
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3052, 0.3635, 0.3941



87.3052, 0.2607, 0.3403



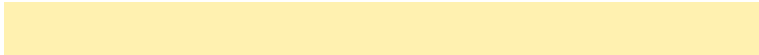
87.3052, 0.2619, 0.2675



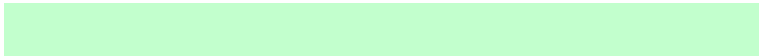
87.3052, 0.3664, 0.3153

Rectangle

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



87.3052, 0.3635, 0.3941



87.3052, 0.3035, 0.3839



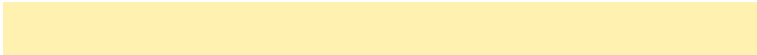
87.3052, 0.2619, 0.2675



87.3052, 0.3185, 0.2817

Sweetspot

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



87.3092, 0.3635, 0.3941



96.0472, 0.3266, 0.3474



56.0590, 0.3703, 0.3140



20.4258, 0.3289, 0.3504



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

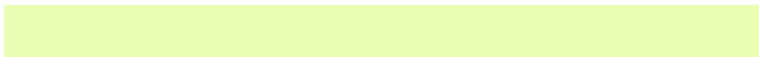
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.3092, 0.3635, 0.3941



85.1550, 0.3741, 0.4068



91.4561, 0.3427, 0.4112



20.5121, 0.3274, 0.3484



35.3699, 0.4545, 0.4773



3.5805, 0.4498, 0.4811

Inverse Universe

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



53.2761, 0.2593, 0.2541



46.3366, 0.2475, 0.2367



50.7047, 0.2750, 0.2418



17.8969, 0.2979, 0.3088



4.9062, 0.1544, 0.0758



0.6130, 0.1594, 0.0939

Previews

White Background



This preview shows how the Yxy color 87.3052, 0.3635, 0.3941 looks on a white background.

Color Contrast Check

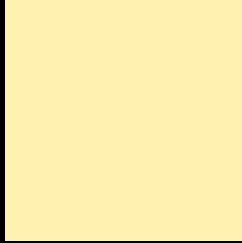
Large Text (above 18pt) WCAG AA × Fail

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 87.3052, 0.3635, 0.3941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

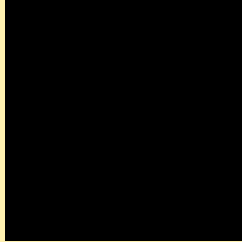
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.3052, 0.3635, 0.3941

Background



This preview shows how black text looks on a background with the Yxy color 87.3052, 0.3635, 0.3941.



This preview shows how white text looks on a background with the Yxy color 87.3052, 0.3635, 0.3941.

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

87.3052, 0.3635, 0.3941

Protanopia

87.2543, 0.3555, 0.3802

Deuteranopia

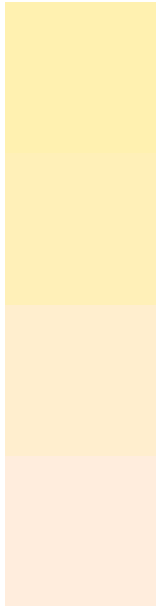
87.1561, 0.3338, 0.3429



Tritanopia

87.3305, 0.3192, 0.3183

Trichromacy



Original Color

87.3052, 0.3635, 0.3941

Protanomaly

87.0409, 0.3587, 0.3852

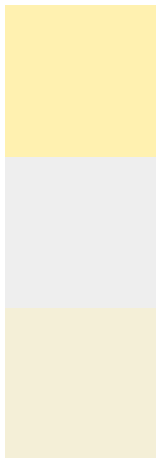
Deuteranomaly

86.8653, 0.3448, 0.3610

Tritanomaly

87.0488, 0.3351, 0.3449

Monochromacy



Original Color

87.3052, 0.3635, 0.3941

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.8724, 0.3311, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.3052, 0.3635, 0.3941 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, 241, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 176)  
}
```

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, 241, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 176) }
```

Border

The CSS property to change the border of an element to Yxy 87.3052, 0.3635, 0.3941 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, 241, 176) }
```

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

```
.border{ border-color:rgb(255, 241, 176) }
```

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

Here you see how a box with a 4 pixel rgb(255, 241, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 87.3052, 0.3635, 0.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 176) }
```

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

```
.background{ background-color: rgb(255,  
241, 176) }
```

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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