

Converting Colors

$Yxy(86.8579, 0.3334, 0.3639)$

Have a look what the booklet for
Yxy(86.8579, 0.3334, 0.3639)
contains.

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Color

Yxy(86.7591, 0.3331, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	F1F2D0
RGB	241, 242, 208
RGB Percent	95%, 95%, 82%
CMY	0.0549, 0.0510, 0.1843
CMYK	0.00, 0.00, 0.14, 0.05
HSL	62°, 57%, 88%
HSV	62°, 14%, 95%
XYZ	79.4159, 86.7591, 72.2396
YIQ	237.8250, 10.3180, -10.7860

Conversions

Conversions Part 2

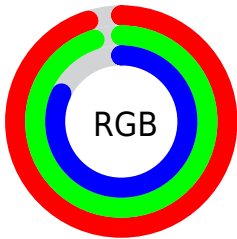
Format	Color
R _Y B	208, 242, 209
Decimal	15856336
CIE Lab	94.64, -5.95, 16.32
CIE LCh	95, 17.366, 110.022
Yxy	86.7591, 0.3331, 0.3639
Android (android.graphics.Color)	4294046416 (0xFFFF1F2D0)
YUV	237.8250, -14.7037, 2.7845
Hunter-Lab	93.1446, -10.8122, 19.2180

Details

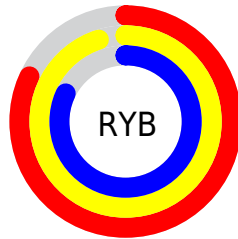
The Yxy color **86.7591, 0.3331, 0.3639** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.0827, 0.2908, 0.2917**, and the grayscale version is **85.4712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.7652, 0.3373, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **85.5369, 0.3479, 0.3894**, and if you desaturate by 10%, it is **88.1711, 0.3185, 0.3389**.

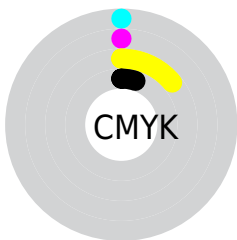
Distribution



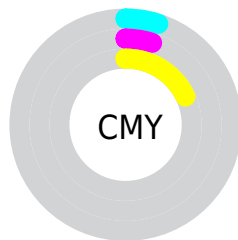
- Red (95%)
- Green (95%)
- Blue (82%)



- Red (82%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.7591, 0.3331, 0.3639 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 86.7591, 0.3331, 0.3639 by changing the saturation by 10% instead.

86.7591, 0.3331,
0.3639

86.7591, 0.3331,
0.3639

517.4309, 0.3241,
0.3481

65.2959, 0.3351,
0.3674

142.8283, 0.3300,
0.3585

47.7010, 0.3375,
0.3718

178.2031, 0.3288,
0.3563

33.5902, 0.3404,
0.3772

218.9838, 0.3278,
0.3545

22.5789, 0.3442,
0.3842

265.5550, 0.3268,
0.3529

14.2829, 0.3490,
0.3935

318.3008, 0.3260,
0.3515

8.3177, 0.3556,
0.4065

377.6059, 0.3253,

4.2989, 0.3649,

0.3502

443.8544, 0.3247,
0.3491

0.4258

1.8421, 0.3821,
0.4616

0.5132, 0.4004,
0.5996

86.7591, 0.3331,
0.3639

86.7591, 0.3331,
0.3639

85.5369, 0.3479,
0.3894

88.1711, 0.3185,
0.3389

84.4850, 0.3624,
0.4145

89.6781, 0.3052,
0.3162

83.5982, 0.3760,
0.4383

89.8037, 0.3057,
0.3162


82.8670, 0.3881,
0.4598

89.9298, 0.3061,
0.3163


 82.2807, 0.3983,
0.4780


 90.0564, 0.3066,
0.3163


 81.8275, 0.4060,
0.4922


 90.1834, 0.3070,
0.3163


 81.4934, 0.4111,
0.5021

 90.3110, 0.3075,
0.3163

 81.2615, 0.4136,
0.5076

 90.4390, 0.3079,
0.3163

 81.1570, 0.4142,
0.5093

 90.5675, 0.3084,
0.3163

Harmonies

Analogous

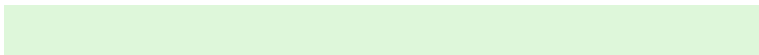
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.7591, 0.3472, 0.3584



86.7591, 0.3331, 0.3639



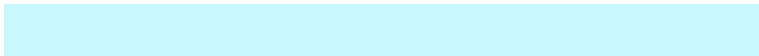
86.7591, 0.3139, 0.3595

Triad

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



86.7591, 0.3331, 0.3639



86.7591, 0.2751, 0.3107



86.7591, 0.3304, 0.3127

Complementary

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



86.7591, 0.3331, 0.3639



65.0827, 0.2908, 0.2917

Split Complementary

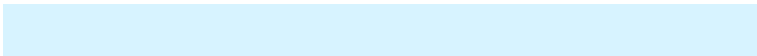
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.7591, 0.3106, 0.3009



86.7591, 0.3331, 0.3639



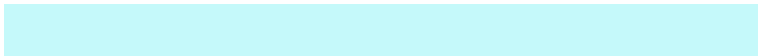
86.7591, 0.2791, 0.2993

Square

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



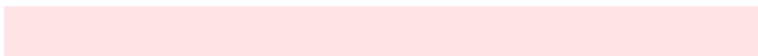
86.7591, 0.3331, 0.3639



86.7591, 0.2807, 0.3279



86.7591, 0.2919, 0.2959



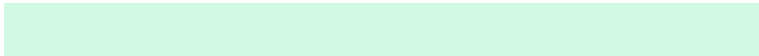
86.7591, 0.3457, 0.3288

Rectangle

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



86.7591, 0.3331, 0.3639



86.7591, 0.3008, 0.3513



86.7591, 0.2919, 0.2959



86.7591, 0.3240, 0.3082

Sweetspot

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



86.7629, 0.3331, 0.3639



99.3039, 0.3184, 0.3388



68.8252, 0.3387, 0.3297



21.2279, 0.3195, 0.3406



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

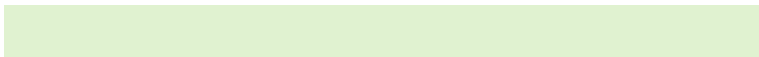
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.7629, 0.3331, 0.3639



97.2765, 0.3375, 0.3715



83.9780, 0.3218, 0.3651



18.4341, 0.3264, 0.3524



43.6082, 0.4143, 0.5093



3.6352, 0.4150, 0.5087

Inverse Universe

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



65.0827, 0.2908, 0.2917



68.2657, 0.2856, 0.2829



67.6269, 0.3025, 0.2930



15.2507, 0.2984, 0.3046



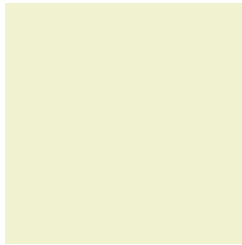
3.4785, 0.1509, 0.0605



0.2971, 0.1533, 0.0618

Previews

White Background



This preview shows how the Yxy color 86.7591, 0.3331, 0.3639 looks on a white background.

Color Contrast Check

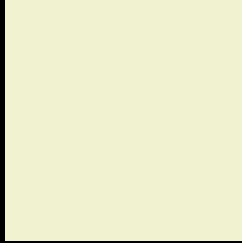
Large Text (above 18pt) WCAG AA × Fail

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 86.7591, 0.3331, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

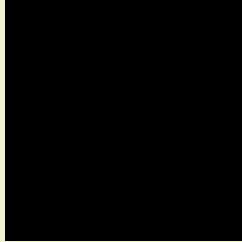
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

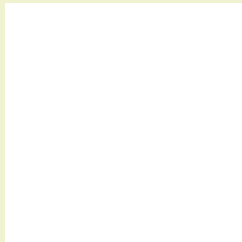
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.7591, 0.3331, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 86.7591, 0.3331, 0.3639.

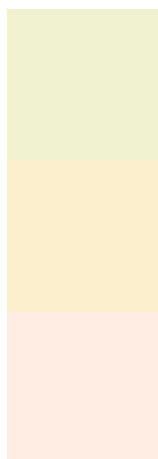


This preview shows how white text looks on a background with the Yxy color 86.7591, 0.3331, 0.3639.

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

86.7591, 0.3331, 0.3639

Protanopia

86.6985, 0.3418, 0.3623

Deuteranopia

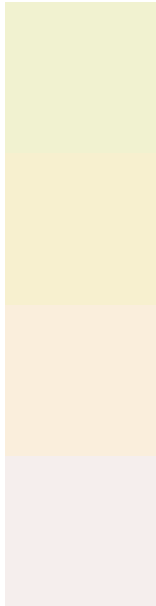
86.7970, 0.3313, 0.3379



Tritanopia

86.3466, 0.3090, 0.3104

Trichromacy



Original Color

86.7591, 0.3331, 0.3639

Protanomaly

86.5993, 0.3382, 0.3625

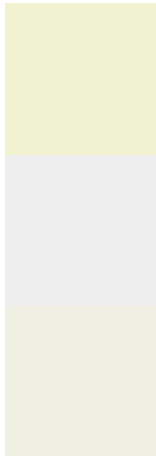
Deuteranomaly

86.6404, 0.3322, 0.3471

Tritanomaly

86.6760, 0.3180, 0.3300

Monochromacy



Original Color

86.7591, 0.3331, 0.3639

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.6298, 0.3201, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.7591, 0.3331, 0.3639 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(241, 242, 208)` looks like.

```
.text, #text, p{  
    color:rgb(241, 242, 208)  
}
```

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(241, 242, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 242, 208) }
```

Border

The CSS property to change the border of an element to Yxy 86.7591, 0.3331, 0.3639 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(241, 242, 208) }
```

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

```
.border{ border-color:rgb(241, 242, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 242, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 242, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 242, 208);  
box-shadow:4px 4px 4px 4px rgb(241, 242,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 86.7591, 0.3331, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 242, 208) }
```

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

```
.background{ background-color: rgb(241,  
242, 208) }
```

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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