

Converting Colors

$Yxy(88.4674, 0.3284, 0.3464)$

Have a look what the booklet for
Yxy(88.4674, 0.3284, 0.3464)
contains.

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Color

Yxy(88.4321, 0.3286, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	F9F1E0
RGB	249, 241, 224
RGB Percent	98%, 95%, 88%
CMY	0.0234, 0.0549, 0.1215
CMYK	0.00, 0.03, 0.10, 0.02
HSL	41°, 68%, 93%
HSV	41°, 10%, 98%
XYZ	83.9849, 88.4321, 83.1671
YIQ	241.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

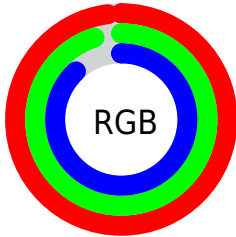
Format	Color
R_{YB}	236, 249, 224
Decimal	16380384
CIE Lab	95.34, -0.13, 9.15
CIE LCh	95, 9.149, 90.800
Yxy	88.4321, 0.3286, 0.3460
Android (android.graphics.Color)	4294570464 (0xFFFF9F1E0)
YUV	241.4540, -8.6048, 6.6178
Hunter-Lab	94.0383, -5.1501, 13.3910

Details

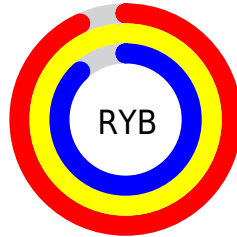
The Yxy color **88.4321, 0.3286, 0.3460** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.4256, 0.2970, 0.3114**, and the grayscale version is **88.4080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7690, 0.3315, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **82.5524, 0.3460, 0.3637**, and if you desaturate by 10%, it is **94.7252, 0.3128, 0.3291**.

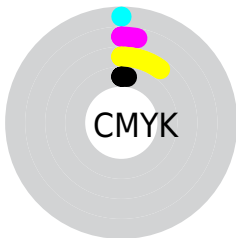
Distribution



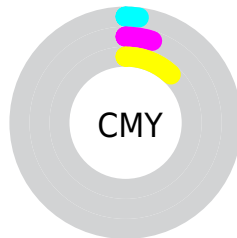
- Red (98%)
- Green (95%)
- Blue (88%)



- Red (93%)
- Yellow (98%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4321, 0.3286, 0.3460 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 88.4321, 0.3286, 0.3460 by changing the saturation by 10% instead.


 88.4321, 0.3286,
0.3460

 88.4321, 0.3286,
0.3460


522.9172, 0.3215,
0.3384

 66.6810, 0.3302,
0.3477


145.1586, 0.3262,
0.3434

 48.8254, 0.3321,
0.3497

180.9027, 0.3252,
0.3424

 34.4810, 0.3345,
0.3523


222.0800, 0.3244,
0.3415

 23.2634, 0.3375,
0.3555

269.0748, 0.3237,
0.3407

 14.7881, 0.3415,
0.3598

322.2716, 0.3230,
0.3400

 8.6708, 0.3471,
0.3658

382.0546, 0.3225,

 4.5271, 0.3553,

0.3394

0.3746

448.8084, 0.3220,
0.3389

■ 1.9726, 0.3685,
0.3888

■ 0.5915, 0.4841,
0.5121

■ 88.4321, 0.3286,
0.3460

■ 88.4321, 0.3286,
0.3460

■ 82.5524, 0.3460,
0.3637

■ 94.7252, 0.3128,
0.3291

■ 77.0632, 0.3649,
0.3818

■ 98.8853, 0.3090,
0.3290

■ 71.9565, 0.3850,
0.3996

■ 67.2198, 0.4059,
0.4163

■ 62.8391, 0.4267,
0.4308

■ 58.7996, 0.4467,
0.4421

■ 55.0843, 0.4646,
0.4489

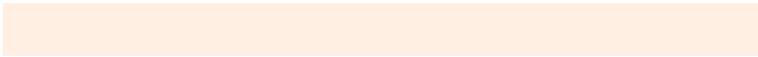
■ 51.6736, 0.4796,
0.4508

■ 48.5514, 0.4915,
0.4479

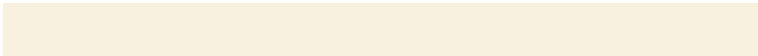
Harmonies

Analogous

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



88.4321, 0.3329, 0.3406



88.4321, 0.3286, 0.3460



88.4321, 0.3201, 0.3468

Triad

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



88.4321, 0.3286, 0.3460



88.4321, 0.2942, 0.3252



88.4321, 0.3155, 0.3159

Complementary

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



88.4321, 0.3286, 0.3460



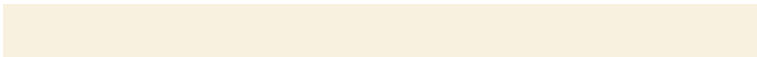
80.4256, 0.2970, 0.3114

Split Complementary

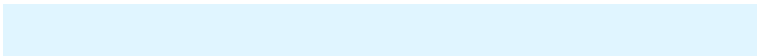
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4321, 0.3052, 0.3118



88.4321, 0.3286, 0.3460



88.4321, 0.2930, 0.3170

Square

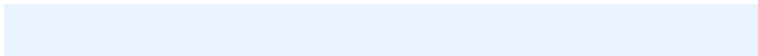
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4321, 0.3286, 0.3460



88.4321, 0.3002, 0.3347



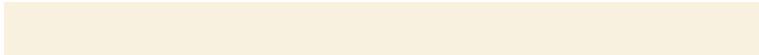
88.4321, 0.2970, 0.3122



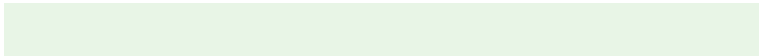
88.4321, 0.3253, 0.3234

Rectangle

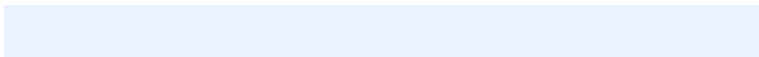
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.4321, 0.3286, 0.3460



88.4321, 0.3132, 0.3446



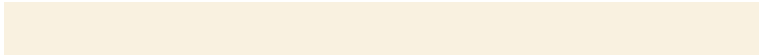
88.4321, 0.2970, 0.3122



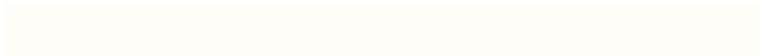
88.4321, 0.3120, 0.3141

Sweetspot

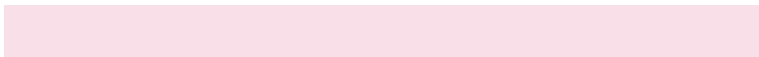
The Sweet Spot groups the original color and five complimentary colors.



88.4360, 0.3286, 0.3460



97.9600, 0.3173, 0.3340



79.3061, 0.3249, 0.3206



20.8522, 0.3185, 0.3353



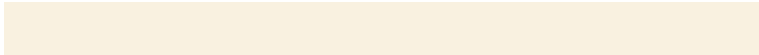
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

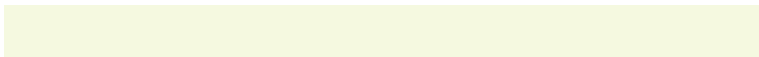
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4360, 0.3286, 0.3460



92.0750, 0.3319, 0.3494



92.5394, 0.3250, 0.3540



19.1960, 0.3277, 0.3450



26.2500, 0.4901, 0.4491



2.6228, 0.4795, 0.4575

Inverse Universe

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



80.4256, 0.2970, 0.3114



82.1045, 0.2938, 0.3077



76.6793, 0.2997, 0.3031



17.5526, 0.2979, 0.3124



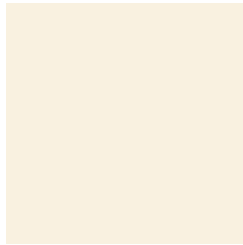
6.9540, 0.1624, 0.1046



0.8271, 0.1689, 0.1279

Previews

White Background



This preview shows how the Yxy color 88.4321, 0.3286, 0.3460 looks on a white background.

Color Contrast Check

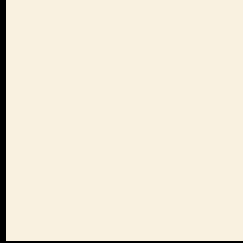
Large Text (above 18pt) WCAG AA × Fail

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 88.4321, 0.3286, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

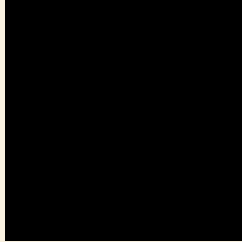
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

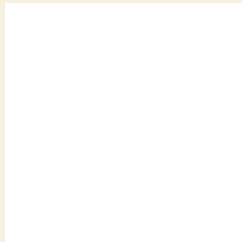
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4321, 0.3286, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 88.4321, 0.3286, 0.3460.

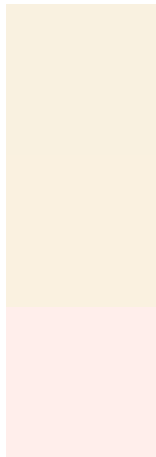


This preview shows how white text looks on a background with the Yxy color 88.4321, 0.3286, 0.3460.

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

88.4321, 0.3286, 0.3460

Protanopia

88.6164, 0.3293, 0.3460

Deuteranopia

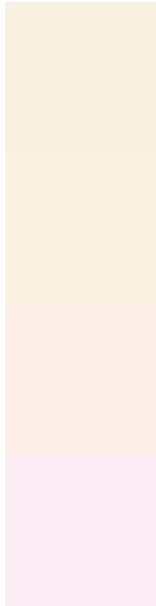
88.4072, 0.3260, 0.3320



Tritanopia

88.0936, 0.3123, 0.3106

Trichromacy



Original Color

88.4321, 0.3286, 0.3460

Protanomaly

88.6164, 0.3293, 0.3460

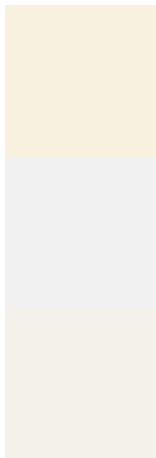
Deuteranomaly

88.3852, 0.3271, 0.3369

Tritanomaly

88.3762, 0.3183, 0.3232

Monochromacy



Original Color

88.4321, 0.3286, 0.3460

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.1418, 0.3184, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4321, 0.3286, 0.3460 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(249, 241, 224)` looks like.

```
.text, #text, p{  
    color:rgb(249, 241, 224)  
}
```

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(249, 241, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 241, 224) }
```

Border

The CSS property to change the border of an element to Yxy 88.4321, 0.3286, 0.3460 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(249, 241, 224) }
```

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

```
.border{ border-color:rgb(249, 241, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 241, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 241, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 241, 224);  
box-shadow:4px 4px 4px 4px rgb(249, 241,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4321, 0.3286, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 241, 224) }
```

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

```
.background{ background-color: rgb(249,  
241, 224) }
```

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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