

Converting Colors

$Yxy(87.6548, 0.3373, 0.3584)$

Have a look what the booklet for
Yxy(87.6548, 0.3373, 0.3584)
contains.

Yxy(87.9377, 0.3375, 0.3592)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(87.9377, 0.3375, 0.3592)

Conversions

Conversions Part 1

Format	Color
Hex	FAF1D3
RGB	250, 241, 211
RGB Percent	98%, 95%, 83%
CMY	0.0198, 0.0548, 0.1725
CMYK	0.00, 0.04, 0.16, 0.02
HSL	46°, 79%, 90%
HSV	46°, 16%, 98%
XYZ	82.6252, 87.9377, 74.2525
YIQ	240.2710, 14.9940, -7.4220

Conversions

Conversions Part 2

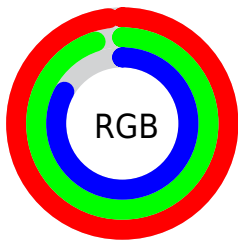
Format	Color
R _Y B	223, 250, 211
Decimal	16445907
CIE Lab	95.13, -1.84, 15.57
CIE LCh	95, 15.678, 96.722
Yxy	87.9377, 0.3375, 0.3592
Android (android.graphics.Color)	4294635987 (0xFFFAF1D3)
YUV	240.2710, -14.4306, 8.5323
Hunter-Lab	93.7751, -6.8302, 18.6959

Details

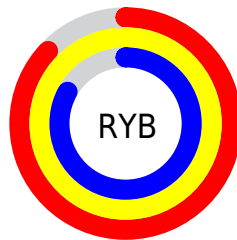
The Yxy color $87.9377, 0.3375, 0.3592$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $71.9050, 0.2877, 0.2969$, and the grayscale version is $87.4654, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $48.4357, 0.3430, 0.3664$ is the 20% darker color. If you saturate the color by 10%, you get $83.4428, 0.3549, 0.3794$, and if you desaturate by 10%, it is $92.7421, 0.3212, 0.3396$.

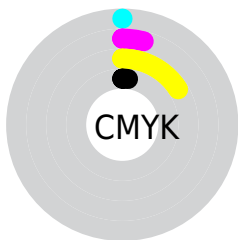
Distribution



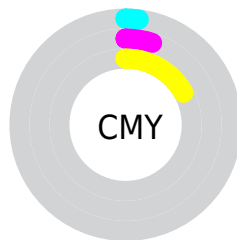
- Red (98%)
- Green (95%)
- Blue (83%)



- Red (87%)
- Yellow (98%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.9377, 0.3375, 0.3592 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 87.9377, 0.3375, 0.3592 by changing the saturation by 10% instead.


 87.9377, 0.3375,
0.3592

 87.9377, 0.3375,
0.3592


521.2992, 0.3264,
0.3457

 66.2715, 0.3399,
0.3622

144.4704, 0.3337,
0.3546

 48.4928, 0.3429,
0.3658

180.1057, 0.3323,
0.3528

 34.2173, 0.3465,
0.3704

221.1661, 0.3310,
0.3512

 23.0606, 0.3512,
0.3762

268.0361, 0.3298,
0.3498

 14.6383, 0.3573,
0.3839

321.1000, 0.3288,
0.3486

 8.5659, 0.3657,
0.3945

380.7422, 0.3280,

 4.4591, 0.3777,

0.3475

0.4100

447.3471, 0.3272,
0.3465

■ 1.9336, 0.3978,
0.4362

■ 0.5684, 0.4657,
0.5343

■ 87.9377, 0.3375,
0.3592

■ 87.9377, 0.3375,
0.3592

■ 83.4428, 0.3549,
0.3794

■ 92.7421, 0.3212,
0.3396

■ 79.2358, 0.3731,
0.3994

■ 97.4611, 0.3097,
0.3266

■ 75.3100, 0.3917,
0.4186

■ 99.0550, 0.3096,
0.3290

■ 71.6537, 0.4099,
0.4360

■ 68.2542, 0.4271,
0.4504

■ 65.0974, 0.4422,
0.4608

■ 62.1668, 0.4548,
0.4666

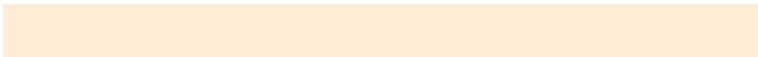
■ 59.4423, 0.4642,
0.4675

■ 58.2908, 0.4677,
0.4669

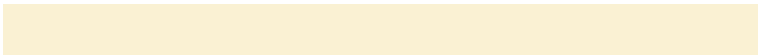
Harmonies

Analogous

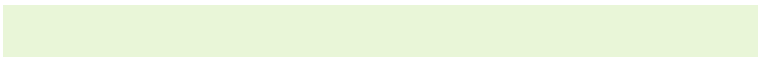
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9377, 0.3467, 0.3510



87.9377, 0.3375, 0.3592



87.9377, 0.3217, 0.3592

Triad

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



87.9377, 0.3375, 0.3592



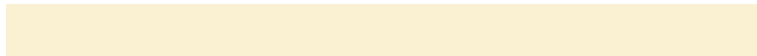
87.9377, 0.2800, 0.3191



87.9377, 0.3209, 0.3090

Complementary

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



87.9377, 0.3375, 0.3592



71.9050, 0.2877, 0.2969

Split Complementary

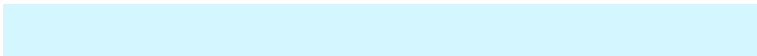
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9377, 0.3030, 0.3008



87.9377, 0.3375, 0.3592



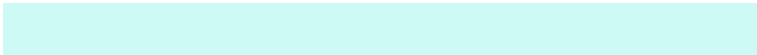
87.9377, 0.2798, 0.3061

Square

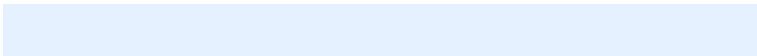
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.9377, 0.3375, 0.3592



87.9377, 0.2887, 0.3354



87.9377, 0.2880, 0.2996



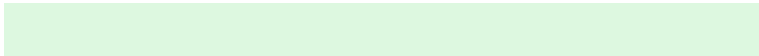
87.9377, 0.3370, 0.3222

Rectangle

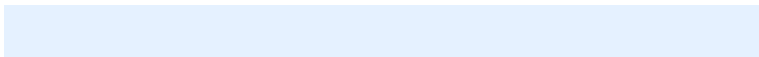
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.9377, 0.3375, 0.3592



87.9377, 0.3098, 0.3542



87.9377, 0.2880, 0.2996



87.9377, 0.3149, 0.3055

Sweetspot

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



87.9416, 0.3375, 0.3592



97.3544, 0.3203, 0.3385



72.0812, 0.3355, 0.3198



20.7597, 0.3214, 0.3398



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.



87.9416, 0.3375, 0.3592



90.3774, 0.3434, 0.3661



91.4943, 0.3292, 0.3686



19.4760, 0.3275, 0.3472



31.1611, 0.4667, 0.4676



3.0447, 0.4599, 0.4730

Inverse Universe

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



71.9050, 0.2877, 0.2969



70.3880, 0.2818, 0.2889



68.9270, 0.2944, 0.2879



17.2888, 0.2979, 0.3102



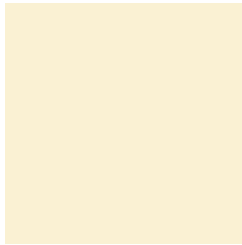
5.4090, 0.1569, 0.0846



0.6541, 0.1628, 0.1059

Previews

White Background



This preview shows how the Yxy color 87.9377, 0.3375, 0.3592 looks on a white background.

Color Contrast Check

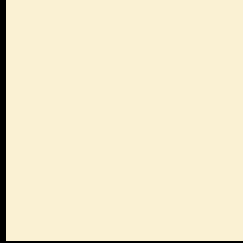
Large Text (above 18pt) WCAG AA × Fail

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 87.9377, 0.3375, 0.3592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

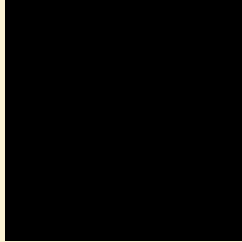
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.9377, 0.3375, 0.3592

Background



This preview shows how black text looks on a background with the Yxy color 87.9377, 0.3375, 0.3592.

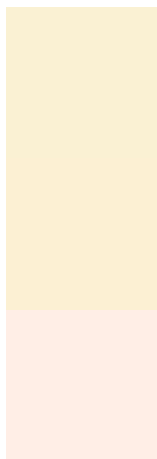


This preview shows how white text looks on a background with the Yxy color 87.9377, 0.3375, 0.3592.

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

87.9377, 0.3375, 0.3592

Protanopia

87.7188, 0.3391, 0.3581

Deuteranopia

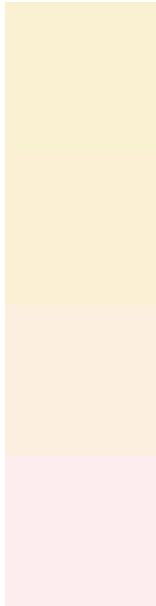
88.1222, 0.3292, 0.3369



Tritanopia

87.7685, 0.3149, 0.3116

Trichromacy



Original Color

87.9377, 0.3375, 0.3592

Protanomaly

87.5326, 0.3384, 0.3582

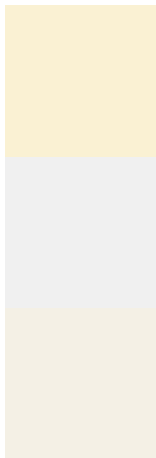
Deuteranomaly

87.9434, 0.3322, 0.3449

Tritanomaly

87.6241, 0.3228, 0.3280

Monochromacy



Original Color

87.9377, 0.3375, 0.3592

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.2104, 0.3222, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.9377, 0.3375, 0.3592 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(250, 241, 211)` looks like.

```
.text, #text, p{  
    color:rgb(250, 241, 211)  
}
```

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(250, 241, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 241, 211) }
```

Border

The CSS property to change the border of an element to Yxy 87.9377, 0.3375, 0.3592 is called "border". The border property can be set on classes, ids or directly on the HTML element.

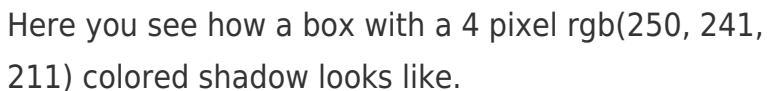
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 241, 211) }
```

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

```
.border{ border-color:rgb(250, 241, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(250, 241, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 241, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 241, 211); box-shadow:4px 4px 4px 4px rgb(250, 241, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 87.9377, 0.3375, 0.3592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 241, 211) }
```

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

```
.background{ background-color: rgb(250,  
241, 211) }
```

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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