

Converting Colors

$Yxy(89.0125, 0.3297, 0.3604)$

Have a look what the booklet for
Yxy(89.0125, 0.3297, 0.3604)
contains.

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Color

Yxy(89.0371, 0.3296, 0.3605)

Conversions

Conversions Part 1

Format	Color
Hex	F2F5D6
RGB	242, 245, 214
RGB Percent	95%, 96%, 84%
CMY	0.0511, 0.0392, 0.1606
CMYK	0.01, 0.00, 0.13, 0.04
HSL	66°, 61%, 90%
HSV	66°, 13%, 96%
XYZ	81.4053, 89.0371, 76.5398
YIQ	240.5690, 8.1630, -10.2770

Conversions

Conversions Part 2

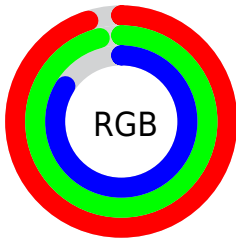
Format	Color
R_{YB}	214, 245, 217
Decimal	15922646
CIE _{Lab}	95.60, -6.18, 14.58
CIE _{LCh}	96, 15.834, 112.986
Y _{xy}	89.0371, 0.3296, 0.3605
Android (android.graphics.Color)	4294112726 (0xFFFF2F5D6)
Y_{UV}	240.5690, -13.0985, 1.2550
Hunter-Lab	94.3595, -11.1344, 17.9585

Details

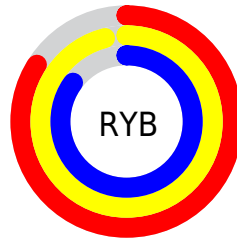
The Yxy color $89.0371, 0.3296, 0.3605$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $69.4704, 0.2946, 0.2959$, and the grayscale version is $87.7084, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $49.3375, 0.3336, 0.3682$ is the 20% darker color. If you saturate the color by 10%, you get $87.4594, 0.3432, 0.3863$, and if you desaturate by 10%, it is $90.8165, 0.3162, 0.3354$.

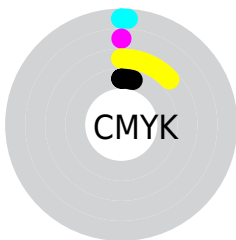
Distribution



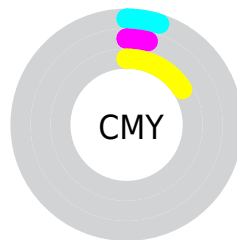
- Red (95%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)




- Cyan (5%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.0371, 0.3296, 0.3605 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 89.0371, 0.3296, 0.3605 by changing the saturation by 10% instead.


 89.0371, 0.3296,
0.3605

 89.0371, 0.3296,
0.3605


524.8936, 0.3222,
0.3463

 67.1823, 0.3312,
0.3637


146.0002, 0.3271,
0.3556

 49.2328, 0.3332,
0.3675


181.8772, 0.3261,
0.3537

 34.8042, 0.3356,
0.3724


223.1971, 0.3252,
0.3521

 23.5121, 0.3386,
0.3786

270.3443, 0.3245,
0.3506

 14.9721, 0.3426,
0.3869

323.7031, 0.3238,
0.3493

 8.7998, 0.3480,
0.3984

383.6580, 0.3232,

 4.6108, 0.3555,

0.3482

0.4156

450.5934, 0.3226,
0.3472

■ 2.0208, 0.3670,
0.4439

■ 0.6195, 0.4141,
0.5859

■ 89.0371, 0.3296,
0.3605

■ 89.0371, 0.3296,
0.3605

■ 87.4594, 0.3432,
0.3863

■ 90.8165, 0.3162,
0.3354

■ 86.0633, 0.3565,
0.4122


■ 92.2648, 0.3079,
0.3193


■ 84.8437, 0.3690,
0.4372


■ 92.7036, 0.3095,
0.3193


■ 83.7907, 0.3801,
0.4602


■ 93.1481, 0.3110,
0.3194


 82.8935, 0.3894,
0.4804


 93.5983, 0.3125,
0.3194

 82.1401, 0.3962,
0.4967

 93.7910, 0.3132,
0.3194

 81.5164, 0.4004,
0.5085

 81.0055, 0.4020,
0.5159

 80.6829, 0.4019,
0.5191

Harmonies

Analogous

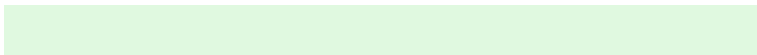
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0371, 0.3429, 0.3565



89.0371, 0.3296, 0.3605



89.0371, 0.3120, 0.3556

Triad

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



89.0371, 0.3296, 0.3605



89.0371, 0.2786, 0.3112



89.0371, 0.3303, 0.3156

Complementary

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



89.0371, 0.3296, 0.3605



69.4704, 0.2946, 0.2959

Split Complementary

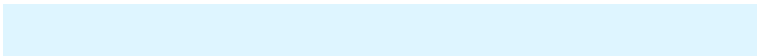
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.0371, 0.3126, 0.3043



89.0371, 0.3296, 0.3605



89.0371, 0.2831, 0.3015

Square

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



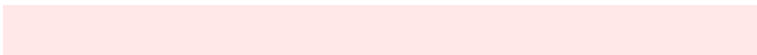
89.0371, 0.3296, 0.3605



89.0371, 0.2829, 0.3264



89.0371, 0.2954, 0.2991



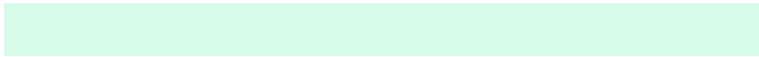
89.0371, 0.3434, 0.3304

Rectangle

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



89.0371, 0.3296, 0.3605



89.0371, 0.3003, 0.3478



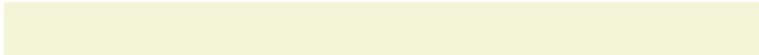
89.0371, 0.2954, 0.2991



89.0371, 0.3247, 0.3113

Sweetspot

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



89.0410, 0.3296, 0.3605



99.1713, 0.3180, 0.3388



73.7024, 0.3354, 0.3317



21.1942, 0.3190, 0.3407



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.



89.0410, 0.3296, 0.3605



97.0727, 0.3328, 0.3666



86.4901, 0.3196, 0.3615



19.2262, 0.3253, 0.3525



43.4956, 0.4022, 0.5188



3.8463, 0.4045, 0.5170

Inverse Universe

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



69.4704, 0.2946, 0.2959



72.0105, 0.2908, 0.2890



71.8807, 0.3050, 0.2969



16.0044, 0.2994, 0.3046



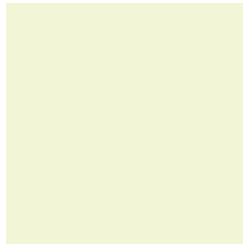
3.6825, 0.1533, 0.0618



0.3492, 0.1604, 0.0657

Previews

White Background



This preview shows how the Yxy color 89.0371, 0.3296, 0.3605 looks on a white background.

Color Contrast Check

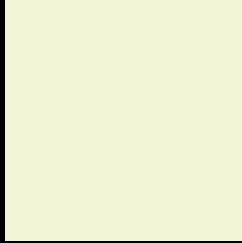
Large Text (above 18pt) WCAG AA × Fail

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 89.0371, 0.3296, 0.3605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

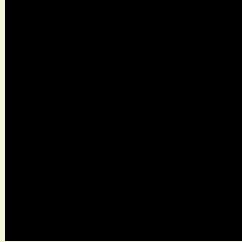
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

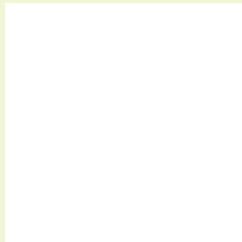
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.0371, 0.3296, 0.3605

Background



This preview shows how black text looks on a background with the Yxy color 89.0371, 0.3296, 0.3605.

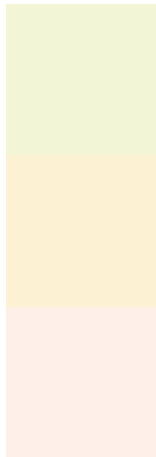


This preview shows how white text looks on a background with the Yxy color 89.0371, 0.3296, 0.3605.

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

89.0371, 0.3296, 0.3605

Protanopia

88.5467, 0.3390, 0.3580

Deuteranopia

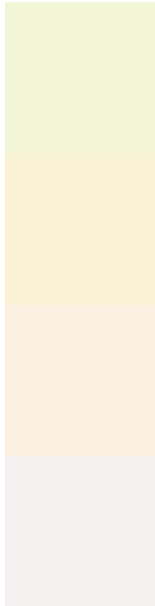
88.8762, 0.3272, 0.3349



Tritanopia

88.7272, 0.3082, 0.3134

Trichromacy



Original Color

89.0371, 0.3296, 0.3605

Protanomaly

88.4481, 0.3354, 0.3582

Deuteranomaly

88.7256, 0.3280, 0.3440

Tritanomaly

88.6143, 0.3159, 0.3300

Monochromacy



Original Color

89.0371, 0.3296, 0.3605

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.9746, 0.3188, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0371, 0.3296, 0.3605 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(242, 245, 214)` looks like.

```
.text, #text, p{  
    color:rgb(242, 245, 214)  
}
```

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(242, 245, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 245, 214) }
```

Border

The CSS property to change the border of an element to Yxy 89.0371, 0.3296, 0.3605 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(242, 245, 214) }
```

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

```
.border{ border-color:rgb(242, 245, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 245, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 245, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 245, 214);  
box-shadow:4px 4px 4px 4px rgb(242, 245,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0371, 0.3296, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 245, 214) }
```

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

```
.background{ background-color: rgb(242,  
245, 214) }
```

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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