

Converting Colors

$Yxy(80.4964, 0.3293, 0.3595)$

Have a look what the booklet for
Yxy(80.4964, 0.3293, 0.3595)
contains.

Yxy(80.4092, 0.3298, 0.3597)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(80.4092, 0.3298, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	E8EACD
RGB	232, 234, 205
RGB Percent	91%, 92%, 80%
CMY	0.0902, 0.0823, 0.1960
CMYK	0.01, 0.00, 0.12, 0.08
HSL	64°, 41%, 86%
HSV	64°, 12%, 92%
XYZ	73.7252, 80.4092, 69.4108
YIQ	230.0960, 8.1170, -9.4430

Conversions

Conversions Part 2

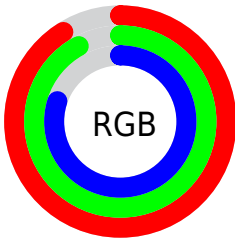
Format	Color
R _Y B	205, 234, 207
Decimal	15264461
CIE Lab	91.87, -5.54, 13.85
CIE LCh	92, 14.919, 111.813
Yxy	80.4092, 0.3298, 0.3597
Android (android.graphics.Color)	4293454541 (0xFFE8EACD)
YUV	230.0960, -12.3723, 1.6698
Hunter-Lab	89.6712, -10.1667, 16.8759

Details

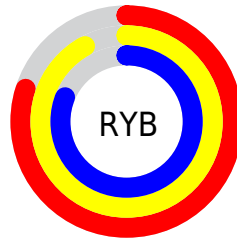
The Yxy color **80.4092, 0.3298, 0.3597** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.8871, 0.2945, 0.2966**, and the grayscale version is **79.2983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.3053, 0.3332, 0.3661** is the 20% darker color. If you saturate the color by 10%, you get **79.0972, 0.3439, 0.3853**, and if you desaturate by 10%, it is **81.8997, 0.3159, 0.3348**.

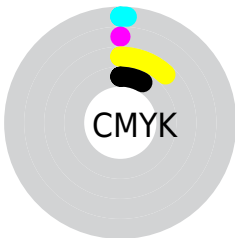
Distribution



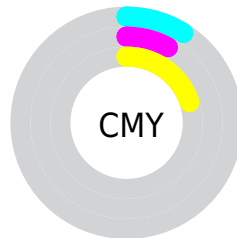
- Red (91%)
- Green (92%)
- Blue (80%)



- Red (80%)
- Yellow (92%)
- Blue (81%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.4092, 0.3298, 0.3597 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 80.4092, 0.3298, 0.3597 by changing the saturation by 10% instead.

80.4092, 0.3298,
0.3597

80.4092, 0.3298,
0.3597

496.3108, 0.3221,
0.3456

60.0551, 0.3315,
0.3629

133.9409, 0.3272,
0.3548

43.4631, 0.3336,
0.3668

167.8873, 0.3261,
0.3529

30.2486, 0.3362,
0.3718

207.1333, 0.3252,
0.3513

20.0274, 0.3395,
0.3783

252.0633, 0.3245,
0.3499

12.4149, 0.3439,
0.3870

303.0616, 0.3238,
0.3486

7.0269, 0.3499,
0.3995

360.5127, 0.3232,

3.4790, 0.3586,

0.3475

0.4185

424.8010, 0.3226,
0.3465

■ 1.3866, 0.3822,
0.4634

■ 0.2068, 0.2285,
0.7715

■ 80.4092, 0.3298,
0.3597

■ 80.4092, 0.3298,
0.3597

■ 79.0972, 0.3439,
0.3853

■ 81.8997, 0.3159,
0.3348

■ 77.9457, 0.3577,
0.4108


■ 83.5653, 0.3026,
0.3110

■ 76.9501, 0.3707,
0.4354

■ 84.0435, 0.3018,
0.3080


■ 76.1018, 0.3824,
0.4580


■ 84.3219, 0.3028,
0.3081


 75.3911, 0.3923,
0.4777


 84.6027, 0.3039,
0.3081


 74.8073, 0.3997,
0.4935


 84.8860, 0.3049,
0.3082


 74.3379, 0.4046,
0.5049

 85.1719, 0.3060,
0.3083

 73.9680, 0.4068,
0.5119

 85.4602, 0.3070,
0.3083

 73.7350, 0.4072,
0.5149

 85.7511, 0.3081,
0.3084

Harmonies

Analogous

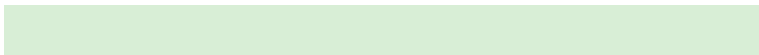
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4092, 0.3425, 0.3555



80.4092, 0.3298, 0.3597



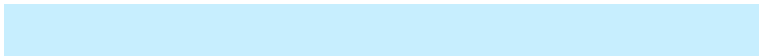
80.4092, 0.3127, 0.3552

Triad

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



80.4092, 0.3298, 0.3597



80.4092, 0.2794, 0.3122



80.4092, 0.3293, 0.3154

Complementary

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



80.4092, 0.3298, 0.3597



62.8871, 0.2945, 0.2966

Split Complementary

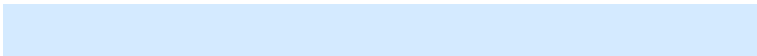
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.4092, 0.3120, 0.3046



80.4092, 0.3298, 0.3597



80.4092, 0.2835, 0.3024

Square

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



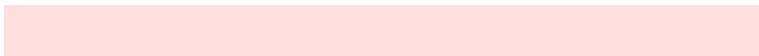
80.4092, 0.3298, 0.3597



80.4092, 0.2839, 0.3271



80.4092, 0.2953, 0.2998



80.4092, 0.3423, 0.3298

Rectangle

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



80.4092, 0.3298, 0.3597



80.4092, 0.3013, 0.3478



80.4092, 0.2953, 0.2998



80.4092, 0.3237, 0.3113

Sweetspot

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



80.4127, 0.3298, 0.3597



99.2274, 0.3182, 0.3388



66.5093, 0.3349, 0.3312



21.2085, 0.3192, 0.3407



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

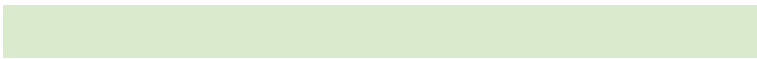
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.4127, 0.3298, 0.3597



97.2807, 0.3336, 0.3665



78.0973, 0.3197, 0.3607



17.5711, 0.3257, 0.3523



41.4572, 0.4074, 0.5148



3.2713, 0.4091, 0.5134

Inverse Universe

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



62.8871, 0.2945, 0.2966



71.8365, 0.2901, 0.2889



65.0605, 0.3049, 0.2976



14.5984, 0.2990, 0.3047



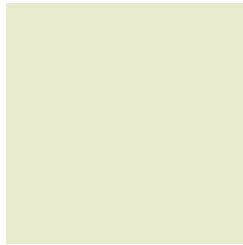
3.4198, 0.1522, 0.0612



0.2859, 0.1580, 0.0644

Previews

White Background



This preview shows how the Yxy color 80.4092, 0.3298, 0.3597 looks on a white background.

Color Contrast Check

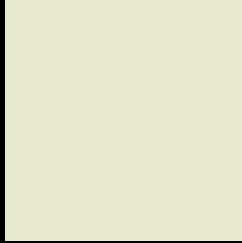
Large Text (above 18pt) WCAG AA × Fail

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 80.4092, 0.3298, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

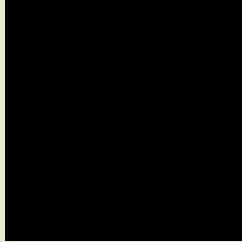
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

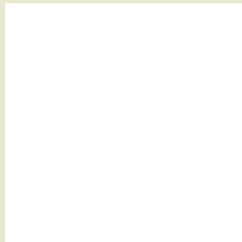
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.4092, 0.3298, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 80.4092, 0.3298, 0.3597.

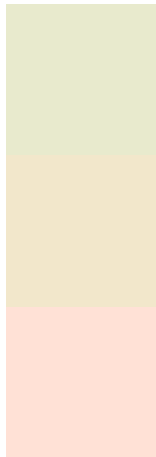


This preview shows how white text looks on a background with the Yxy color 80.4092, 0.3298, 0.3597.

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

80.4092, 0.3298, 0.3597

Protanopia

80.3409, 0.3387, 0.3582

Deuteranopia

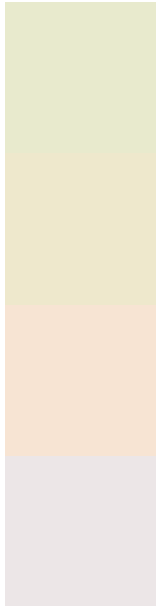
79.9655, 0.3416, 0.3401



Tritanopia

80.3178, 0.3081, 0.3108

Trichromacy



Original Color

80.4092, 0.3298, 0.3597

Protanomaly

80.2500, 0.3350, 0.3584

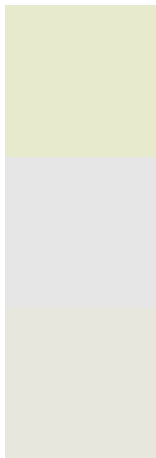
Deuteranomaly

79.9641, 0.3374, 0.3465

Tritanomaly

80.1960, 0.3162, 0.3280

Monochromacy



Original Color

80.4092, 0.3298, 0.3597

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.3612, 0.3191, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.4092, 0.3298, 0.3597 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(232, 234, 205)` looks like.

```
.text, #text, p{  
    color:rgb(232, 234, 205)  
}
```

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(232, 234, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 234, 205) }
```

Border

The CSS property to change the border of an element to Yxy 80.4092, 0.3298, 0.3597 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(232, 234, 205) }
```

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

```
.border{ border-color:rgb(232, 234, 205) }
```

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

Here you see how a box with a 4 pixel rgb(232, 234, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 234, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 234, 205);  
box-shadow:4px 4px 4px 4px rgb(232, 234,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 80.4092, 0.3298, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 234, 205) }
```

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

```
.background{ background-color: rgb(232,  
234, 205) }
```

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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