

Converting Colors

$Y_{xy}(85.2219, 0.3522, 0.3940)$

Have a look what the booklet for
Yxy(85.2219, 0.3522, 0.3940)
contains.

Yxy(85.0425, 0.3523, 0.3932)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(85.0425, 0.3523, 0.3932)

Conversions

Conversions Part 1

Format	Color
Hex	F2F1B3
RGB	242, 241, 179
RGB Percent	95%, 95%, 70%
CMY	0.0512, 0.0548, 0.2981
CMYK	0.00, 0.00, 0.26, 0.05
HSL	59°, 71%, 83%
HSV	59°, 26%, 95%
XYZ	76.1965, 85.0425, 55.0440
YIQ	234.2310, 20.4980, -19.0700

Conversions

Conversions Part 2

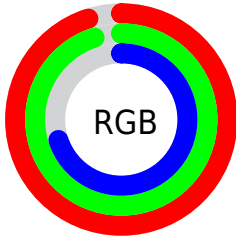
Format	Color
R_{YB}	180, 242, 179
Decimal	15921587
CIE _{Lab}	93.90, -9.23, 30.16
CIE _{LCh}	94, 31.543, 107.017
Yxy	85.0425, 0.3523, 0.3932
Android (android.graphics.Color)	4294111667 (0xFFFF2F1B3)
YUV	234.2310, -27.2289, 6.8134
Hunter-Lab	92.2185, -13.8948, 29.1635

Details

The Yxy color **85.0425, 0.3523, 0.3932** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **48.6033, 0.2677, 0.2556**, and the grayscale version is **82.6591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **46.5186, 0.3601, 0.4074** is the 20% darker color. If you saturate the color by 10%, you get **83.9408, 0.3674, 0.4176**, and if you desaturate by 10%, it is **86.3240, 0.3369, 0.3683**.

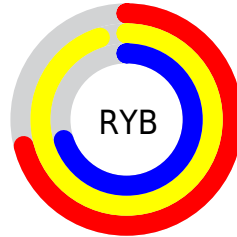
Distribution



Red (95%)

Green (95%)

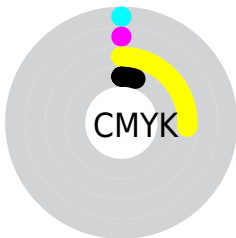
Blue (70%)



Red (71%)

Yellow (95%)

Blue (70%)

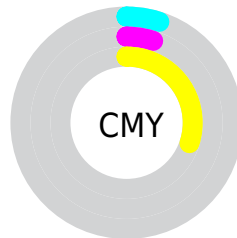


Cyan (0%)

Magenta (0%)

Yellow (26%)

Black (5%)



Cyan (5%)


Magenta (5%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0425, 0.3523, 0.3932 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 85.0425, 0.3523, 0.3932 by changing the saturation by 10% instead.


 85.0425, 0.3523,
0.3932

 85.0425, 0.3523,
0.3932

511.7687, 0.3349,
0.3640

 63.8765, 0.3560,
0.3997


 140.4326, 0.3465,
0.3832

 46.5507, 0.3604,
0.4077


175.4254, 0.3442,
0.3792

 32.6806, 0.3658,
0.4176


215.7960, 0.3421,
0.3758

 21.8819, 0.3724,
0.4302

261.9287, 0.3403,
0.3729

 13.7701, 0.3807,
0.4467

314.2079, 0.3388,
0.3702

 7.9610, 0.3909,
0.4692

373.0181, 0.3374,

 4.0700, 0.4037,

0.3679

0.5012

438.7435, 0.3361,
0.3658

■ 1.7128, 0.4320,
0.5680

■ 0.4319, 0.3001,
0.6999

■ 85.0425, 0.3523,
0.3932

■ 85.0425, 0.3523,
0.3932

■ 83.9408, 0.3674,
0.4176

■ 86.3240, 0.3369,
0.3683

■ 82.9984, 0.3816,
0.4403

■ 87.7822, 0.3216,
0.3435


■ 82.2095, 0.3943,
0.4606

■ 89.4287, 0.3070,
0.3196

■ 81.5632, 0.4049,
0.4774

■ 89.8595, 0.3049,
0.3166

 81.0471, 0.4130,
0.4900


 90.0724, 0.3049,
0.3170


 80.6471, 0.4184,
0.4982

 90.2858, 0.3049,
0.3174

 80.3453, 0.4212,
0.5023

 90.4996, 0.3049,
0.3177

 80.2413, 0.4219,
0.5032

 90.7138, 0.3049,
0.3181

 90.9284, 0.3049,
0.3184

Harmonies

Analogous

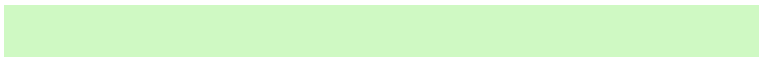
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0425, 0.3773, 0.3796



85.0425, 0.3523, 0.3932



85.0425, 0.3175, 0.3881

Triad

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



85.0425, 0.3523, 0.3932



85.0425, 0.2458, 0.2973



85.0425, 0.3412, 0.2973

Complementary

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



85.0425, 0.3523, 0.3932



48.6033, 0.2677, 0.2556

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.



85.0425, 0.3046, 0.2778



85.0425, 0.3523, 0.3932



85.0425, 0.2511, 0.2764

Square

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



85.0425, 0.3523, 0.3932



85.0425, 0.2570, 0.3294



85.0425, 0.2720, 0.2700



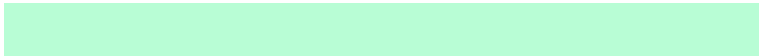
85.0425, 0.3712, 0.3246

Rectangle

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



85.0425, 0.3523, 0.3932



85.0425, 0.2938, 0.3737



85.0425, 0.2720, 0.2700



85.0425, 0.3292, 0.2897

Sweetspot

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



85.0463, 0.3523, 0.3932



98.5634, 0.3247, 0.3484



54.4046, 0.3676, 0.3280



21.0421, 0.3269, 0.3521



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

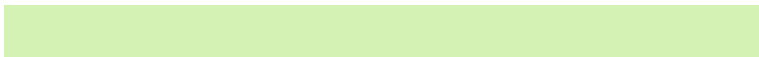
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0463, 0.3523, 0.3932



95.1717, 0.3600, 0.4057



80.6549, 0.3307, 0.3988



18.4167, 0.3269, 0.3520



43.1459, 0.4219, 0.5032



3.6021, 0.4215, 0.5035

Inverse Universe

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



48.6033, 0.2677, 0.2556



47.9339, 0.2575, 0.2388



52.2641, 0.2902, 0.2590



15.2660, 0.2979, 0.3049



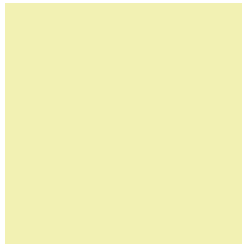
3.5027, 0.1503, 0.0609



0.3044, 0.1510, 0.0634

Previews

White Background



This preview shows how the Yxy color 85.0425, 0.3523, 0.3932 looks on a white background.

Color Contrast Check

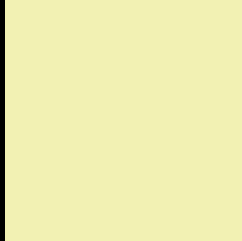
Large Text (above 18pt) WCAG AA × Fail

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 85.0425, 0.3523, 0.3932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

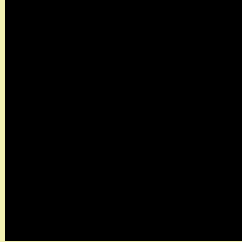
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.0425, 0.3523, 0.3932

Background



This preview shows how black text looks on a background with the Yxy color 85.0425, 0.3523, 0.3932.

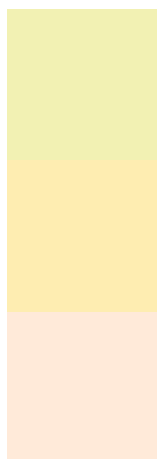


This preview shows how white text looks on a background with the Yxy color 85.0425, 0.3523, 0.3932.

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

85.0425, 0.3523, 0.3932

Protanopia

84.8135, 0.3633, 0.3896

Deuteranopia

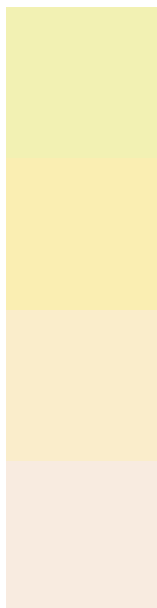
85.1154, 0.3382, 0.3460



Tritanopia

85.1246, 0.3142, 0.3114

Trichromacy



Original Color

85.0425, 0.3523, 0.3932

Protanomaly

84.6874, 0.3595, 0.3901

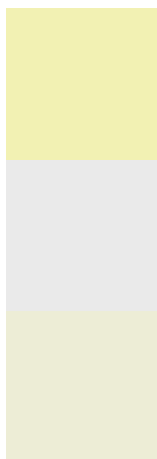
Deuteranomaly

85.2042, 0.3434, 0.3635

Tritanomaly

84.7549, 0.3286, 0.3401

Monochromacy



Original Color

85.0425, 0.3523, 0.3932

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.4279, 0.3272, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0425, 0.3523, 0.3932 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, 241, 179)` looks like.

```
.text, #text, p{  
    color:rgb(242, 241, 179)  
}
```

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, 241, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 241, 179) }
```

Border

The CSS property to change the border of an element to Yxy 85.0425, 0.3523, 0.3932 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, 241, 179) }
```

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

```
.border{ border-color:rgb(242, 241, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 241, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 241, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 241, 179);  
box-shadow:4px 4px 4px 4px rgb(242, 241,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0425, 0.3523, 0.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 241, 179) }
```

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

```
.background{ background-color: rgb(242,  
241, 179) }
```

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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