

Converting Colors

$Yxy(85.5790, 0.3397, 0.3545)$

Have a look what the booklet for
Yxy(85.5790, 0.3397, 0.3545)
contains.

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Color

Yxy(85.3895, 0.3397, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	FCECD3
RGB	252, 236, 211
RGB Percent	99%, 93%, 83%
CMY	0.0118, 0.0745, 0.1725
CMYK	0.00, 0.06, 0.16, 0.01
HSL	37°, 87%, 91%
HSV	37°, 16%, 99%
XYZ	81.8939, 85.3895, 73.7937
YIQ	237.9340, 17.5610, -4.3830

Conversions

Conversions Part 2

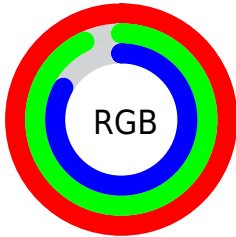
Format	Color
RYB	237, 252, 211
Decimal	16575699
CIELab	94.05, 1.43, 14.06
CIElCh	94, 14.137, 84.214
Yxy	85.3895, 0.3397, 0.3542
Android (android.graphics.Color)	4294765779 (0xFFFCED3)
YUV	237.9340, -13.2785, 12.3359
Hunter-Lab	92.4064, -3.5182, 17.3369

Details

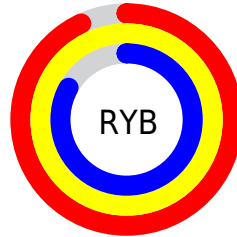
The Yxy color $85.3895, 0.3397, 0.3542$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $75.8011, 0.2869, 0.3025$, and the grayscale version is $85.5419, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $46.6449, 0.3460, 0.3600$ is the 20% darker color. If you saturate the color by 10%, you get $78.7256, 0.3588, 0.3705$, and if you desaturate by 10%, it is $92.5701, 0.3225, 0.3385$.

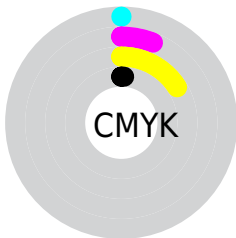
Distribution



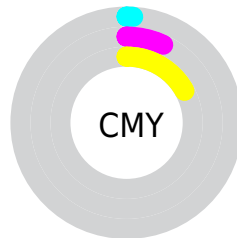
- Red (99%)
- Green (93%)
- Blue (83%)



- Red (93%)
- Yellow (99%)
- Blue (83%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (1%)





- Cyan (1%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.3895, 0.3397, 0.3542 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 85.3895, 0.3397, 0.3542 by changing the saturation by 10% instead.

 85.3895, 0.3397,
0.3542

 85.3895, 0.3397,
0.3542

512.9160, 0.3275,
0.3429

 64.1633, 0.3424,
0.3567


140.9172, 0.3355,
0.3504

 46.7829, 0.3457,
0.3597


175.9875, 0.3339,
0.3488

 32.8641, 0.3498,
0.3635


216.4413, 0.3325,
0.3475

 22.0223, 0.3551,
0.3683

262.6629, 0.3313,
0.3464

 13.8733, 0.3620,
0.3747

315.0368, 0.3302,
0.3454

 8.0326, 0.3717,
0.3834

373.9474, 0.3292,

 4.1158, 0.3860,

0.3445

0.3962

439.7790, 0.3283,
0.3436

■ 1.7386, 0.4108,
0.4183

■ 0.4484, 0.5069,
0.4931

■ 85.3895, 0.3397,
0.3542

■ 85.3895, 0.3397,
0.3542

■ 78.7256, 0.3588,
0.3705

■ 92.5701, 0.3225,
0.3385

■ 72.5528, 0.3796,
0.3869

■ 99.4326, 0.3109,
0.3290

■ 66.8601, 0.4019,
0.4026

■ 61.6312, 0.4251,
0.4167

■ 56.8490, 0.4482,
0.4280

■ 52.4942, 0.4701,
0.4354

■ 48.5454, 0.4896,
0.4377

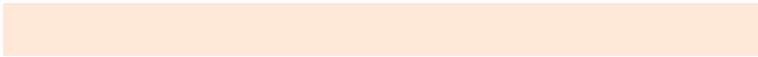
■ 44.9768, 0.5056,
0.4346

■ 43.7286, 0.5109,
0.4325

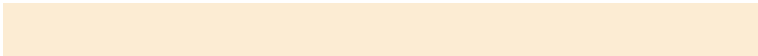
Harmonies

Analogous

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



85.3895, 0.3447, 0.3443



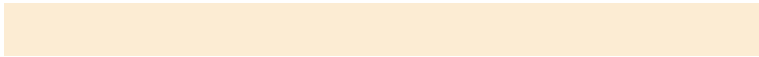
85.3895, 0.3397, 0.3542



85.3895, 0.3274, 0.3574

Triad

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



85.3895, 0.3397, 0.3542



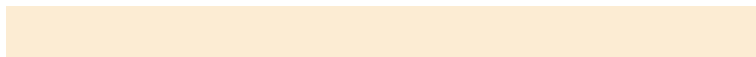
85.3895, 0.2853, 0.3261



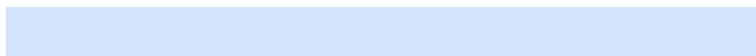
85.3895, 0.3134, 0.3069

Complementary

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



85.3895, 0.3397, 0.3542



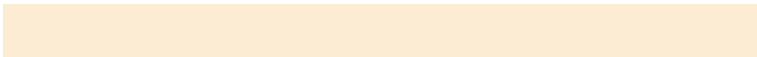
75.8011, 0.2869, 0.3025

Split Complementary

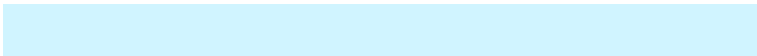
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.3895, 0.2976, 0.3019



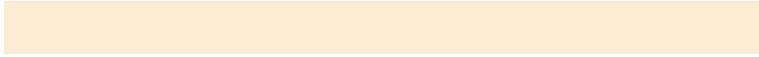
85.3895, 0.3397, 0.3542



85.3895, 0.2818, 0.3125

Square

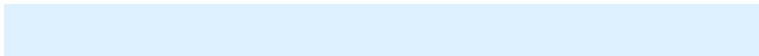
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.3895, 0.3397, 0.3542



85.3895, 0.2961, 0.3410



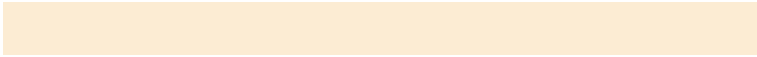
85.3895, 0.2862, 0.3038



85.3895, 0.3293, 0.3173

Rectangle

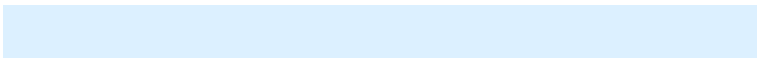
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.3895, 0.3397, 0.3542



85.3895, 0.3169, 0.3551



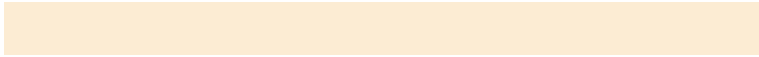
85.3895, 0.2862, 0.3038



85.3895, 0.3079, 0.3045

Sweetspot

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



85.3933, 0.3397, 0.3542



96.0761, 0.3205, 0.3365



72.8500, 0.3318, 0.3125



20.4485, 0.3216, 0.3376



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.



85.3933, 0.3397, 0.3542



85.1064, 0.3466, 0.3603



94.2501, 0.3345, 0.3699



18.9884, 0.3279, 0.3435



23.0769, 0.5090, 0.4341



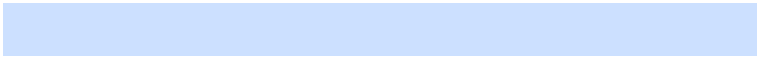
2.3433, 0.4954, 0.4449

Inverse Universe

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



75.8011, 0.2869, 0.3025



73.3029, 0.2806, 0.2956



68.0791, 0.2889, 0.2853



17.7525, 0.2979, 0.3141



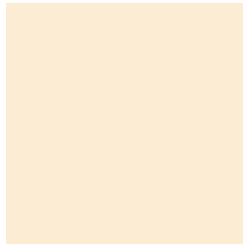
8.4984, 0.1675, 0.1230



0.9863, 0.1741, 0.1466

Previews

White Background



This preview shows how the Yxy color 85.3895, 0.3397, 0.3542 looks on a white background.

Color Contrast Check

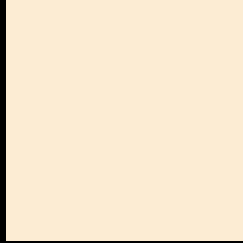
Large Text (above 18pt) WCAG AA × Fail

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 85.3895, 0.3397, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

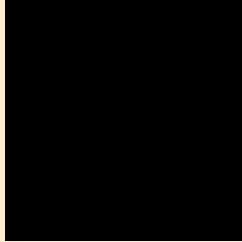
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.3895, 0.3397, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 85.3895, 0.3397, 0.3542.

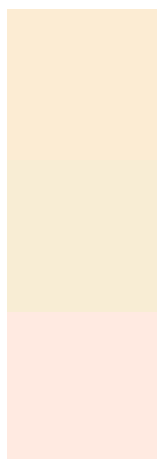


This preview shows how white text looks on a background with the Yxy color 85.3895, 0.3397, 0.3542.

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

85.3895, 0.3397, 0.3542

Protanopia

85.2783, 0.3361, 0.3544

Deuteranopia

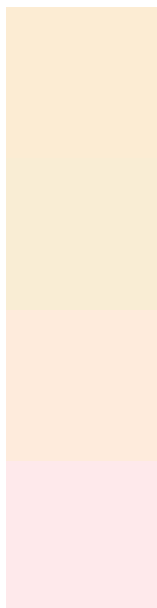
85.5419, 0.3329, 0.3380



Tritanopia

85.1891, 0.3182, 0.3125

Trichromacy



Original Color

85.3895, 0.3397, 0.3542

Protanomaly

85.4616, 0.3368, 0.3543

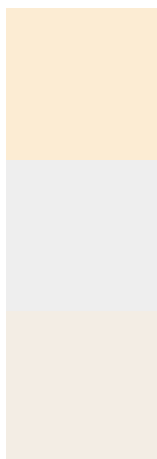
Deuteranomaly

85.6548, 0.3353, 0.3440

Tritanomaly

85.3468, 0.3258, 0.3271

Monochromacy



Original Color

85.3895, 0.3397, 0.3542

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.2245, 0.3224, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.3895, 0.3397, 0.3542 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(252, 236, 211)` looks like.

```
.text, #text, p{  
    color:rgb(252, 236, 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(252, 236, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 236, 211) }
```

Border

The CSS property to change the border of an element to Yxy 85.3895, 0.3397, 0.3542 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(252, 236, 211) }
```

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

```
.border{ border-color:rgb(252, 236, 211) }
```

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

Here you see how a box with a 4 pixel rgb(252, 236, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 236, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 236, 211);  
box-shadow:4px 4px 4px 4px rgb(252, 236,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 85.3895, 0.3397, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 236, 211) }
```

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

```
.background{ background-color: rgb(252,  
236, 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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