

Converting Colors

$Y_{xy}(85.7179, 0.3335, 0.3518)$

Have a look what the booklet for
Yxy(85.7179, 0.3335, 0.3518)
contains.

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Color

Yxy(85.8295, 0.3333, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	F7EED7
RGB	247, 238, 215
RGB Percent	97%, 93%, 84%
CMY	0.0314, 0.0667, 0.1567
CMYK	0.00, 0.04, 0.13, 0.03
HSL	43°, 67%, 91%
HSV	43°, 13%, 97%
XYZ	81.2006, 85.8295, 76.5961
YIQ	238.0690, 12.7470, -5.2450

Conversions

Conversions Part 2

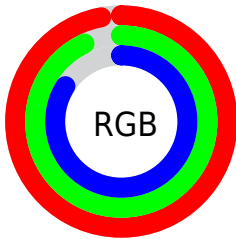
Format	Color
R_{YB}	228, 247, 215
Decimal	16248535
CIE _{Lab}	94.24, -0.73, 12.19
CIE _{LCh}	94, 12.216, 93.447
Yxy	85.8295, 0.3333, 0.3523
Android (android.graphics.Color)	4294438615 (0xFFFF7EED7)
YUV	238.0690, -11.3730, 7.8325
Hunter-Lab	92.6442, -5.6761, 15.8314

Details

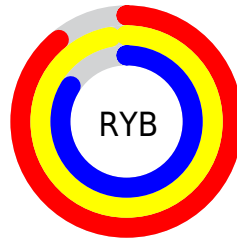
The Yxy color **85.8295, 0.3333, 0.3523** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **74.4922, 0.2923, 0.3046**, and the grayscale version is **85.6422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.0703, 0.3385, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **80.6882, 0.3508, 0.3711**, and if you desaturate by 10%, it is **91.3264, 0.3172, 0.3342**.

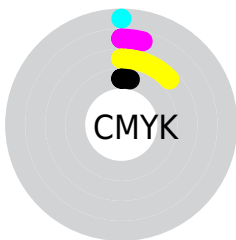
Distribution



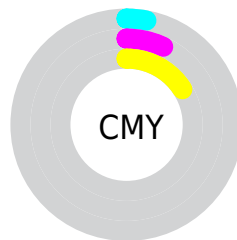
- Red (97%)
- Green (93%)
- Blue (84%)



- Red (89%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.8295, 0.3333, 0.3523 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 85.8295, 0.3333, 0.3523 by changing the saturation by 10% instead.

 85.8295, 0.3333,
0.3523

 85.8295, 0.3333,
0.3523

514.3688, 0.3241,
0.3418

 64.5270, 0.3353,
0.3546


141.5315, 0.3301,
0.3487

 47.0776, 0.3378,
0.3575

176.6999, 0.3289,
0.3473

 33.0970, 0.3410,
0.3610


217.2589, 0.3278,
0.3461

 22.2008, 0.3449,
0.3656

263.5931, 0.3269,
0.3450

 14.0045, 0.3502,
0.3716

316.0867, 0.3261,
0.3441

 8.1238, 0.3575,
0.3800

375.1243, 0.3253,

 4.1743, 0.3683,

0.3432

0.3924

441.0902, 0.3247,
0.3425

■ 1.7715, 0.3858,
0.4129

■ 0.4693, 0.4771,
0.5229

■ 85.8295, 0.3333,
0.3523

■ 85.8295, 0.3333,
0.3523

■ 80.6882, 0.3508,
0.3711

■ 91.3264, 0.3172,
0.3342

■ 75.8807, 0.3696,
0.3901

■ 96.5548, 0.3079,
0.3260

■ 71.3999, 0.3891,
0.4085

■ 98.5141, 0.3078,
0.3290

■ 67.2340, 0.4089,
0.4255

■ 63.3701, 0.4282,
0.4399

■ 59.7939, 0.4460,
0.4507

■ 56.4893, 0.4614,
0.4569

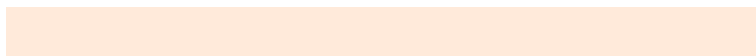
■ 53.4369, 0.4738,
0.4581

■ 51.4154, 0.4809,
0.4564

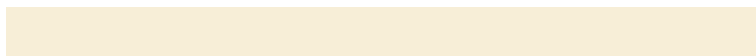
Harmonies

Analogous

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



85.8295, 0.3397, 0.3454



85.8295, 0.3333, 0.3523



85.8295, 0.3214, 0.3529

Triad

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



85.8295, 0.3333, 0.3523



85.8295, 0.2874, 0.3227



85.8295, 0.3177, 0.3122

Complementary

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



85.8295, 0.3333, 0.3523



74.4922, 0.2923, 0.3046

Split Complementary

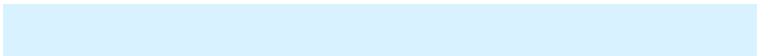
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8295, 0.3037, 0.3063



85.8295, 0.3333, 0.3523



85.8295, 0.2864, 0.3119

Square

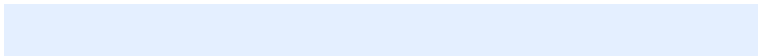
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8295, 0.3333, 0.3523



85.8295, 0.2950, 0.3355



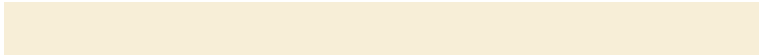
85.8295, 0.2923, 0.3061



85.8295, 0.3306, 0.3224

Rectangle

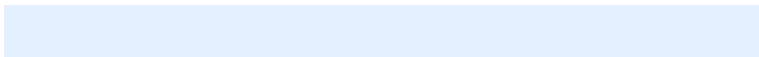
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.8295, 0.3333, 0.3523



85.8295, 0.3120, 0.3495



85.8295, 0.2923, 0.3061



85.8295, 0.3129, 0.3097

Sweetspot

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



85.8333, 0.3333, 0.3523



97.5428, 0.3188, 0.3361



73.7769, 0.3300, 0.3198



20.7807, 0.3200, 0.3374



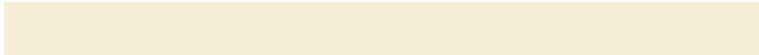
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



85.8333, 0.3333, 0.3523



90.5379, 0.3386, 0.3581



89.9672, 0.3275, 0.3615



18.4793, 0.3276, 0.3459



27.4447, 0.4796, 0.4574



2.5855, 0.4703, 0.4648

Inverse Universe

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



74.4922, 0.2923, 0.3046



75.7653, 0.2871, 0.2982



70.8544, 0.2967, 0.2953



16.6859, 0.2979, 0.3115



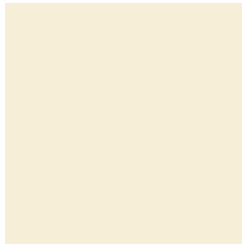
6.0416, 0.1598, 0.0954



0.6978, 0.1665, 0.1194

Previews

White Background



This preview shows how the Yxy color 85.8295, 0.3333, 0.3523 looks on a white background.

Color Contrast Check

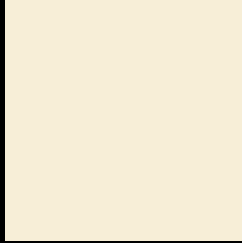
Large Text (above 18pt) WCAG AA × Fail

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 85.8295, 0.3333, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

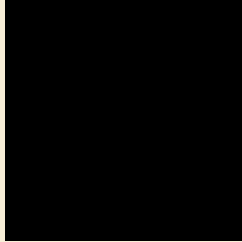
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

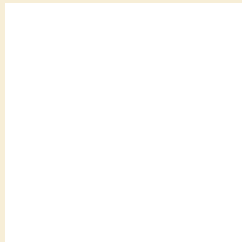
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.8295, 0.3333, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 85.8295, 0.3333, 0.3523.

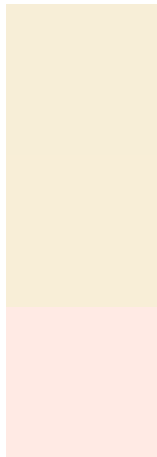


This preview shows how white text looks on a background with the Yxy color 85.8295, 0.3333, 0.3523.

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

85.8295, 0.3333, 0.3523

Protanopia

86.0118, 0.3340, 0.3523

Deuteranopia

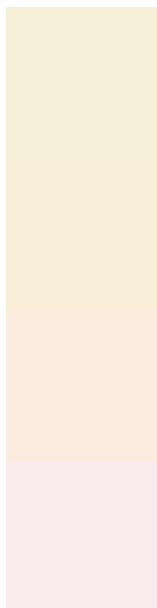
85.7071, 0.3309, 0.3350



Tritanopia

85.9383, 0.3142, 0.3115

Trichromacy



Original Color

85.8295, 0.3333, 0.3523

Protanomaly

86.0118, 0.3340, 0.3523

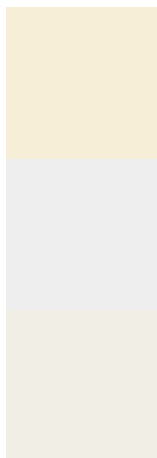
Deuteranomaly

85.4398, 0.3320, 0.3410

Tritanomaly

85.9137, 0.3209, 0.3261

Monochromacy



Original Color

85.8295, 0.3333, 0.3523

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.5630, 0.3197, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.8295, 0.3333, 0.3523 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(247, 238, 215)` looks like.

```
.text, #text, p{  
    color:rgb(247, 238, 215)  
}
```

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(247, 238, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 238, 215) }
```

Border

The CSS property to change the border of an element to Yxy 85.8295, 0.3333, 0.3523 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(247, 238, 215) }
```

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

```
.border{ border-color:rgb(247, 238, 215) }
```

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

Here you see how a box with a 4 pixel rgb(247, 238, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 238, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 238, 215);  
box-shadow:4px 4px 4px 4px rgb(247, 238,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 85.8295, 0.3333, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 238, 215) }
```

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

```
.background{ background-color: rgb(247,  
238, 215) }
```

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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