

Converting Colors

$Yxy(85.0457, 0.3360, 0.3555)$

Have a look what the booklet for
Yxy(85.0457, 0.3360, 0.3555)
contains.

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Color

Yxy(85.0457, 0.3360, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	F7EDD3
RGB	247, 237, 211
RGB Percent	97%, 93%, 83%
CMY	0.0316, 0.0705, 0.1726
CMYK	0.00, 0.04, 0.15, 0.03
HSL	43°, 69%, 90%
HSV	43°, 15%, 97%
XYZ	80.3807, 85.0457, 73.8020
YIQ	237.0260, 14.3060, -5.9660

Conversions

Conversions Part 2

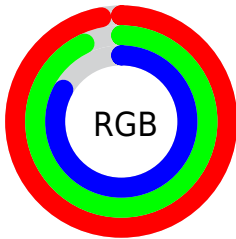
Format	Color
R _Y B	225, 247, 211
Decimal	16248275
CIE Lab	93.90, -0.89, 13.80
CIE LCh	94, 13.832, 93.672
Yxy	85.0457, 0.3360, 0.3555
Android (android.graphics.Color)	4294438355 (0xFFF7EDD3)
YUV	237.0260, -12.8308, 8.7472
Hunter-Lab	92.2202, -5.8017, 17.1056

Details

The Yxy color **85.0457, 0.3360, 0.3555** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.2173, 0.2896, 0.3010**, and the grayscale version is **84.7971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.3952, 0.3412, 0.3617** is the 20% darker color. If you saturate the color by 10%, you get **80.0384, 0.3537, 0.3745**, and if you desaturate by 10%, it is **90.4003, 0.3197, 0.3371**.

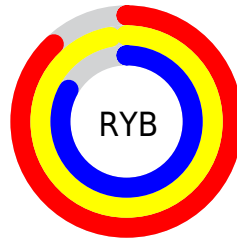
Distribution



Red (97%)

Green (93%)

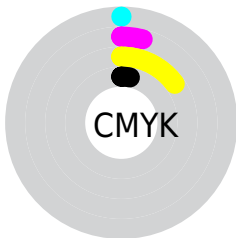
Blue (83%)



Red (88%)

Yellow (97%)

Blue (83%)

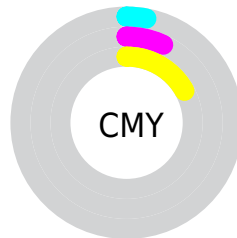


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (3%)



Cyan (3%)


Magenta (7%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0457, 0.3360, 0.3555 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 85.0457, 0.3360, 0.3555 by changing the saturation by 10% instead.


 85.0457, 0.3360,
0.3555

 85.0457, 0.3360,
0.3555

511.7793, 0.3255,
0.3436

 63.8791, 0.3383,
0.3582


140.4370, 0.3324,
0.3514

 46.5528, 0.3411,
0.3614


175.4306, 0.3310,
0.3498

 32.6823, 0.3447,
0.3654


215.8019, 0.3298,
0.3484

 21.8831, 0.3492,
0.3706

261.9354, 0.3287,
0.3472

 13.7711, 0.3552,
0.3775

314.2156, 0.3278,
0.3461

 7.9616, 0.3634,
0.3871

373.0266, 0.3270,

 4.0704, 0.3755,

0.3452

0.4013

438.7531, 0.3262,
0.3443

■ 1.7130, 0.3969,
0.4263

■ 0.4321, 0.4738,
0.5262

■ 85.0457, 0.3360,
0.3555

■ 85.0457, 0.3360,
0.3555

■ 80.0384, 0.3537,
0.3745

■ 90.4003, 0.3197,
0.3371

■ 75.3568, 0.3725,
0.3936

■ 95.7492, 0.3079,
0.3248

■ 70.9936, 0.3920,
0.4120

■ 98.5016, 0.3078,
0.3290

■ 66.9371, 0.4116,
0.4287

■ 63.1744, 0.4305,
0.4427

■ 59.6909, 0.4478,
0.4529

■ 56.4703, 0.4625,
0.4584

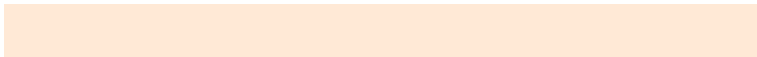
■ 53.4926, 0.4741,
0.4589

■ 51.9580, 0.4794,
0.4576

Harmonies

Analogous

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



85.0457, 0.3434, 0.3476



85.0457, 0.3360, 0.3555



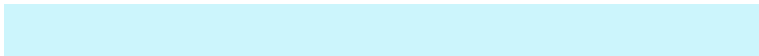
85.0457, 0.3224, 0.3562

Triad

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



85.0457, 0.3360, 0.3555



85.0457, 0.2839, 0.3216



85.0457, 0.3185, 0.3101

Complementary

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



85.0457, 0.3360, 0.3555



72.2173, 0.2896, 0.3010

Split Complementary

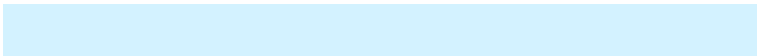
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0457, 0.3025, 0.3033



85.0457, 0.3360, 0.3555



85.0457, 0.2829, 0.3095

Square

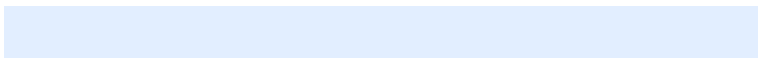
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.0457, 0.3360, 0.3555



85.0457, 0.2925, 0.3363



85.0457, 0.2896, 0.3030



85.0457, 0.3332, 0.3216

Rectangle

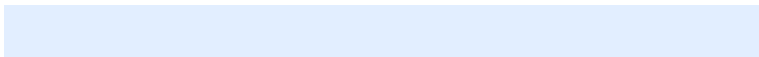
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.0457, 0.3360, 0.3555



85.0457, 0.3118, 0.3523



85.0457, 0.2896, 0.3030



85.0457, 0.3131, 0.3072

Sweetspot

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



85.0495, 0.3360, 0.3555



97.5802, 0.3188, 0.3361



71.5771, 0.3325, 0.3186



20.7902, 0.3200, 0.3375



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.



85.0495, 0.3360, 0.3555



90.1301, 0.3403, 0.3602



89.5580, 0.3293, 0.3658



18.4963, 0.3275, 0.3461



27.7462, 0.4781, 0.4586



2.6100, 0.4690, 0.4658

Inverse Universe

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



72.2173, 0.2896, 0.3010



74.2588, 0.2854, 0.2958



68.3228, 0.2945, 0.2907



16.6698, 0.2979, 0.3113



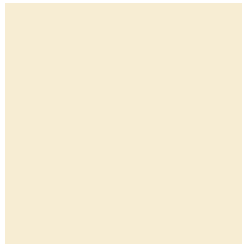
5.9448, 0.1595, 0.0941



0.6875, 0.1661, 0.1180

Previews

White Background



This preview shows how the Yxy color 85.0457, 0.3360, 0.3555 looks on a white background.

Color Contrast Check

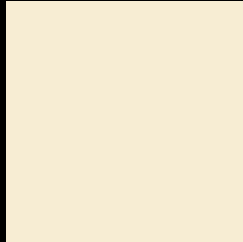
Large Text (above 18pt) WCAG AA × Fail

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 85.0457, 0.3360, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

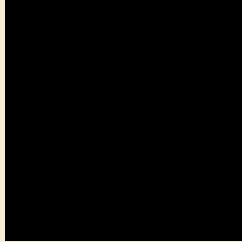
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.0457, 0.3360, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 85.0457, 0.3360, 0.3555.

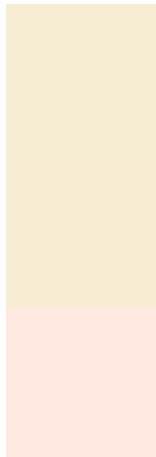


This preview shows how white text looks on a background with the Yxy color 85.0457, 0.3360, 0.3555.

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

85.0457, 0.3360, 0.3555

Protanopia

85.2280, 0.3367, 0.3554

Deuteranopia

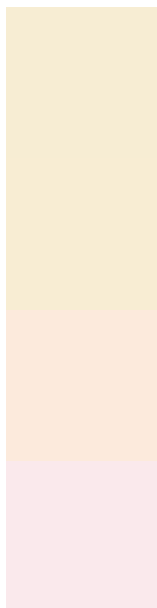
84.9741, 0.3330, 0.3370



Tritanopia

84.7494, 0.3149, 0.3104

Trichromacy



Original Color

85.0457, 0.3360, 0.3555

Protanomaly

85.2280, 0.3367, 0.3554

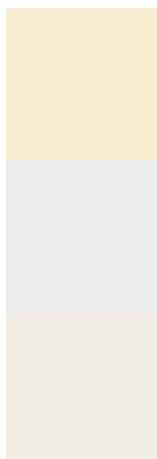
Deuteranomaly

84.7084, 0.3341, 0.3431

Tritanomaly

84.6579, 0.3224, 0.3260

Monochromacy



Original Color

85.0457, 0.3360, 0.3555

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.8706, 0.3210, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0457, 0.3360, 0.3555 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, 237, 211)` looks like.

```
.text, #text, p{  
    color:rgb(247, 237, 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(247, 237, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 237, 211) }
```

Border

The CSS property to change the border of an element to Yxy 85.0457, 0.3360, 0.3555 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, 237, 211) }
```

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

```
.border{ border-color:rgb(247, 237, 211) }
```

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

Here you see how a box with a 4 pixel rgb(247, 237, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 237, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 237, 211);  
box-shadow:4px 4px 4px 4px rgb(247, 237,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0457, 0.3360, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 237, 211) }
```

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

```
.background{ background-color: rgb(247,  
237, 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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