

Converting Colors

$Yxy(85.0162, 0.3258, 0.3535)$

Have a look what the booklet for
Yxy(85.0162, 0.3258, 0.3535)
contains.

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Color

Yxy(85.2826, 0.3256, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	EDF0D8
RGB	237, 240, 216
RGB Percent	93%, 94%, 85%
CMY	0.0705, 0.0588, 0.1530
CMYK	0.01, 0.00, 0.10, 0.06
HSL	67°, 44%, 89%
HSV	67°, 10%, 94%
XYZ	78.4851, 85.2826, 77.2798
YIQ	236.3670, 5.9160, -8.1000

Conversions

Conversions Part 2

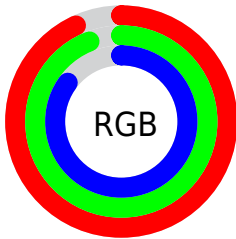
Format	Color
R_{YB}	216, 240, 219
Decimal	15593688
CIE _{Lab}	94.00, -5.07, 11.26
CIE _{LCh}	94, 12.351, 114.246
Yxy	85.2826, 0.3256, 0.3538
Android (android.graphics.Color)	4293783768 (0xFFEDF0D8)
YUV	236.3670, -10.0409, 0.5551
Hunter-Lab	92.3486, -9.9067, 15.0285

Details

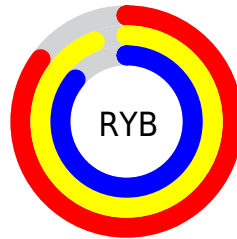
The Yxy color **85.2826, 0.3256, 0.3538** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **70.4493, 0.2991, 0.3033**, and the grayscale version is **84.2561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.6779, 0.3285, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **83.6274, 0.3387, 0.3796**, and if you desaturate by 10%, it is **87.1350, 0.3127, 0.3290**.

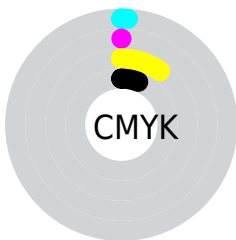
Distribution



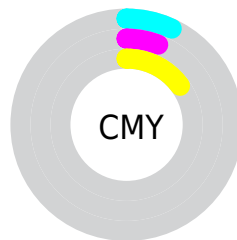
- Red (93%)
- Green (94%)
- Blue (85%)



- Red (85%)
- Yellow (94%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)



- Cyan (7%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.2826, 0.3256, 0.3538 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 85.2826, 0.3256, 0.3538 by changing the saturation by 10% instead.

85.2826, 0.3256,
0.3538

85.2826, 0.3256,
0.3538

512.5627, 0.3199,
0.3425

64.0749, 0.3269,
0.3563

140.7679, 0.3236,
0.3499

46.7114, 0.3284,
0.3594

175.8144, 0.3229,
0.3484

32.8075, 0.3303,
0.3633

216.2425, 0.3222,
0.3471

21.9790, 0.3327,
0.3683

262.4368, 0.3216,
0.3460

13.8415, 0.3359,
0.3751

314.7815, 0.3211,
0.3450

8.0105, 0.3403,
0.3846

373.6612, 0.3206,

4.1017, 0.3467,

0.3441

0.3989

439.4601, 0.3202,
0.3433

■ 1.7306, 0.3567,
0.4231

■ 0.4434, 0.4016,
0.5984

■ 85.2826, 0.3256,
0.3538

■ 85.2826, 0.3256,
0.3538

■ 83.6274, 0.3387,
0.3796

■ 87.1350, 0.3127,
0.3290

■ 82.1504, 0.3517,
0.4057

■ 88.5884, 0.3056,
0.3142

■ 80.8468, 0.3639,
0.4313

■ 89.1208, 0.3075,
0.3143

■ 79.7076, 0.3750,
0.4554

■ 89.6618, 0.3094,
0.3144

■ 78.7227, 0.3843,
0.4769

■ 90.2115, 0.3114,
0.3145

■ 77.8809, 0.3914,
0.4948

■ 90.7697, 0.3133,
0.3146

■ 77.1695, 0.3959,
0.5084

■ 90.7997, 0.3134,
0.3146

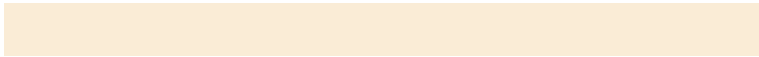
■ 76.5733, 0.3977,
0.5175

■ 76.0669, 0.3974,
0.5227

Harmonies

Analogous

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



85.2826, 0.3363, 0.3511



85.2826, 0.3256, 0.3538



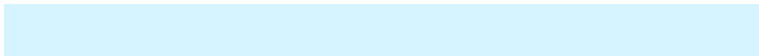
85.2826, 0.3116, 0.3496

Triad

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



85.2826, 0.3256, 0.3538



85.2826, 0.2856, 0.3146



85.2826, 0.3272, 0.3188

Complementary

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



85.2826, 0.3256, 0.3538



70.4493, 0.2991, 0.3033

Split Complementary

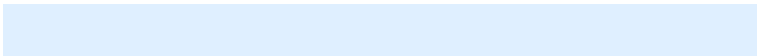
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.2826, 0.3133, 0.3096



85.2826, 0.3256, 0.3538



85.2826, 0.2895, 0.3070

Square

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



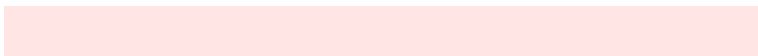
85.2826, 0.3256, 0.3538



85.2826, 0.2887, 0.3265



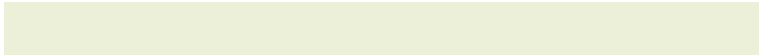
85.2826, 0.2996, 0.3053



85.2826, 0.3373, 0.3307

Rectangle

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



85.2826, 0.3256, 0.3538



85.2826, 0.3024, 0.3433



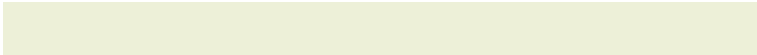
85.2826, 0.2996, 0.3053



85.2826, 0.3228, 0.3153

Sweetspot

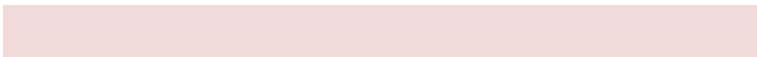
The Sweet Spot groups the original color and five complimentary colors.



85.2863, 0.3256, 0.3538



99.3380, 0.3165, 0.3363



74.0347, 0.3301, 0.3320



21.2253, 0.3176, 0.3383



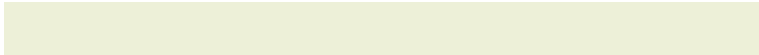
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

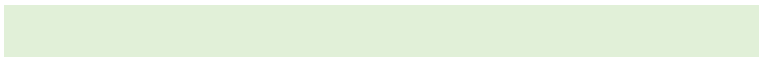
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2863, 0.3256, 0.3538



97.4727, 0.3283, 0.3590



83.3152, 0.3176, 0.3544



18.3541, 0.3249, 0.3525



41.6805, 0.3977, 0.5224



3.4950, 0.4007, 0.5200

Inverse Universe

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



70.4493, 0.2991, 0.3033



77.2709, 0.2961, 0.2976



72.3507, 0.3073, 0.3039



15.3224, 0.2999, 0.3047



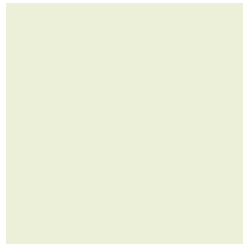
3.6227, 0.1546, 0.0625



0.3313, 0.1636, 0.0675

Previews

White Background



This preview shows how the Yxy color 85.2826, 0.3256, 0.3538 looks on a white background.

Color Contrast Check

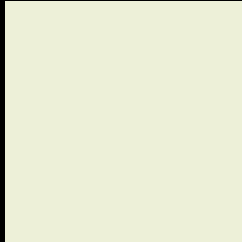
Large Text (above 18pt) WCAG AA × Fail

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 85.2826, 0.3256, 0.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

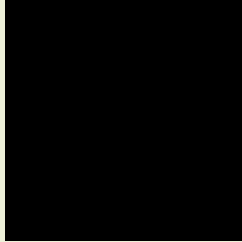
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

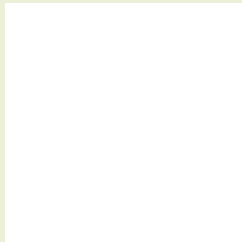
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2826, 0.3256, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 85.2826, 0.3256, 0.3538.

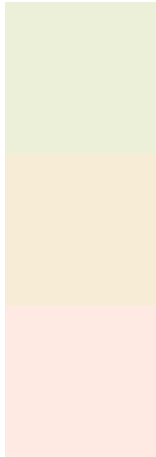


This preview shows how white text looks on a background with the Yxy color 85.2826, 0.3256, 0.3538.

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

85.2826, 0.3256, 0.3538

Protanopia

85.1976, 0.3341, 0.3524

Deuteranopia

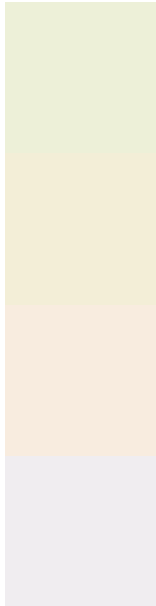
85.0839, 0.3317, 0.3350



Tritanopia

85.3858, 0.3063, 0.3111

Trichromacy



Original Color

85.2826, 0.3256, 0.3538

Protanomaly

85.1101, 0.3305, 0.3525

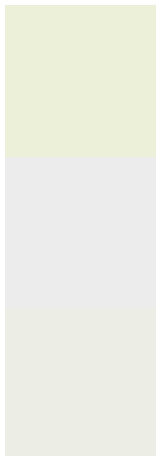
Deuteranomaly

85.2751, 0.3291, 0.3421

Tritanomaly

85.3849, 0.3129, 0.3260

Monochromacy



Original Color

85.2826, 0.3256, 0.3538

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.0584, 0.3170, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2826, 0.3256, 0.3538 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(237, 240, 216)` looks like.

```
.text, #text, p{  
    color:rgb(237, 240, 216)  
}
```

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(237, 240, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 240, 216) }
```

Border

The CSS property to change the border of an element to Yxy 85.2826, 0.3256, 0.3538 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(237, 240, 216) }
```

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

```
.border{ border-color:rgb(237, 240, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 240, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 240, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 240, 216);  
box-shadow:4px 4px 4px 4px rgb(237, 240,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2826, 0.3256, 0.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 240, 216) }
```

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

```
.background{ background-color: rgb(237,  
240, 216) }
```

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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