

Converting Colors

$Yxy(85.3706, 0.3192, 0.3319)$

Have a look what the booklet for
Yxy(85.3706, 0.3192, 0.3319)
contains.

Yxy(85.7420, 0.3193, 0.3320)	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(85.7420, 0.3193, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	F4EDEA
RGB	244, 237, 234
RGB Percent	96%, 93%, 92%
CMY	0.0429, 0.0706, 0.0823
CMYK	0.00, 0.03, 0.04, 0.04
HSL	18°, 31%, 94%
HSV	18°, 4%, 96%
XYZ	82.4621, 85.7420, 90.0549
YIQ	238.7510, 5.1350, 0.5510

Conversions

Conversions Part 2

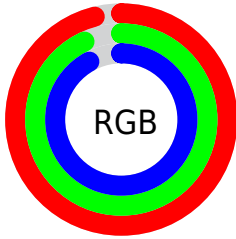
Format	Color
R_YB	244, 238, 234
Decimal	16051690
CIE Lab	94.20, 1.87, 2.27
CIE LCh	94, 2.940, 50.477
Yxy	85.7420, 0.3193, 0.3320
Android (android.graphics.Color)	4294241770 (0xFFFF4EDEA)
YUV	238.7510, -2.3422, 4.6034
Hunter-Lab	92.5970, -3.0818, 7.1556

Details

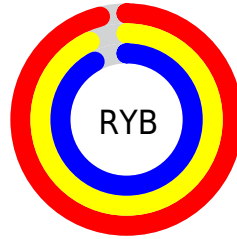
The Yxy color **85.7420, 0.3193, 0.3320** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.9987, 0.3064, 0.3260**, and the grayscale version is **86.1377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.9535, 0.3212, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **74.9541, 0.3374, 0.3397**, and if you desaturate by 10%, it is **97.4632, 0.3060, 0.3282**.

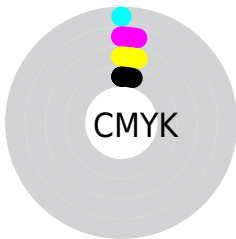
Distribution



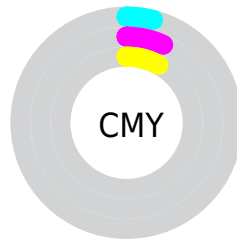
- Red (96%)
- Green (93%)
- Blue (92%)



- Red (96%)
- Yellow (93%)
- Blue (92%)



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




- Cyan (4%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.7420, 0.3193, 0.3320 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 85.7420, 0.3193, 0.3320 by changing the saturation by 10% instead.


 85.7420, 0.3193,
0.3320

 85.7420, 0.3193,
0.3320


514.0801, 0.3163,
0.3307

 64.4547, 0.3200,
0.3323


141.4094, 0.3183,
0.3315

 47.0190, 0.3208,
0.3327

176.5582, 0.3179,
0.3314

 33.0507, 0.3218,
0.3331


217.0964, 0.3175,
0.3312

 22.1653, 0.3231,
0.3337

263.4082, 0.3172,
0.3311

 13.9784, 0.3248,
0.3344

315.8781, 0.3170,
0.3310

 8.1056, 0.3272,
0.3355

374.8904, 0.3167,

 4.1626, 0.3308,

0.3309

0.3370

440.8296, 0.3165,
0.3308

■ 1.7649, 0.3369,
0.3396

■ 0.4652, 0.3750,
0.3576

■ 85.7420, 0.3193,
0.3320

■ 85.7420, 0.3193,
0.3320

■ 74.9541, 0.3374,
0.3397

■ 97.4632, 0.3060,
0.3282

■ 65.2760, 0.3589,
0.3478

■ 97.9851, 0.3060,
0.3290

■ 56.6751, 0.3843,
0.3560

■ 49.1131, 0.4139,
0.3640

■ 42.5493, 0.4474,
0.3710

■ 36.9401, 0.4841,
0.3759

■ 32.2384, 0.5217,
0.3775

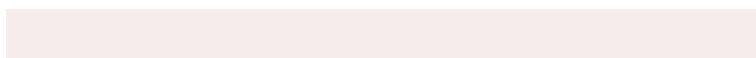
■ 28.3929, 0.5571,
0.3749

■ 25.3458, 0.5863,
0.3674

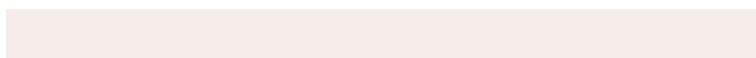
Harmonies

Analogous

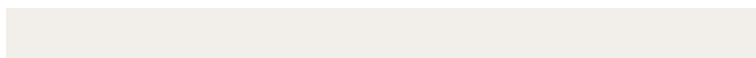
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7420, 0.3183, 0.3291



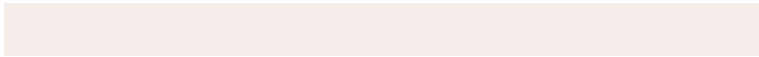
85.7420, 0.3193, 0.3320



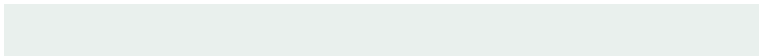
85.7420, 0.3185, 0.3341

Triad

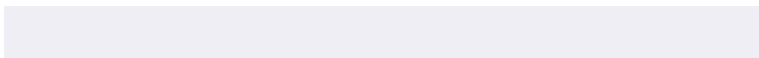
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7420, 0.3193, 0.3320



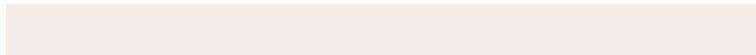
85.7420, 0.3096, 0.3318



85.7420, 0.3092, 0.3233

Complementary

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



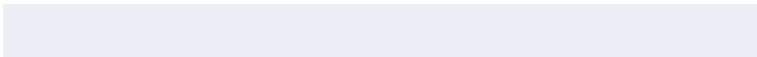
85.7420, 0.3193, 0.3320



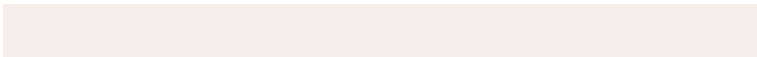
86.9987, 0.3064, 0.3260

Split Complementary

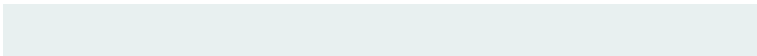
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.7420, 0.3069, 0.3239



85.7420, 0.3193, 0.3320



85.7420, 0.3072, 0.3289

Square

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



85.7420, 0.3193, 0.3320



85.7420, 0.3129, 0.3340



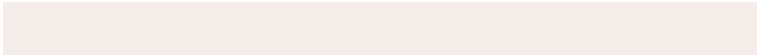
85.7420, 0.3062, 0.3260



85.7420, 0.3125, 0.3241

Rectangle

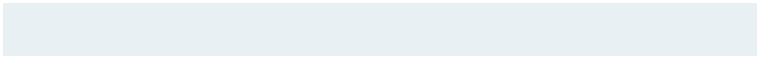
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.7420, 0.3193, 0.3320



85.7420, 0.3171, 0.3348



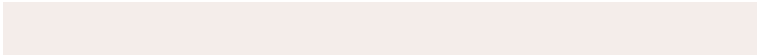
85.7420, 0.3062, 0.3260



85.7420, 0.3083, 0.3233

Sweetspot

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



85.7457, 0.3193, 0.3320



98.6959, 0.3143, 0.3297



84.4628, 0.3150, 0.3218



21.1387, 0.3142, 0.3297



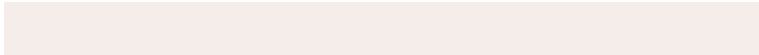
0.0000, 0.0000, 0.0000



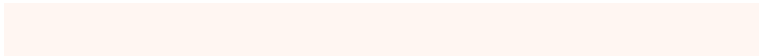
21.4041, 0.3127, 0.3290

Same Dimension

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



85.7457, 0.3193, 0.3320



93.6077, 0.3208, 0.3327



88.6247, 0.3189, 0.3369



18.1812, 0.3219, 0.3332



13.1900, 0.5974, 0.3639



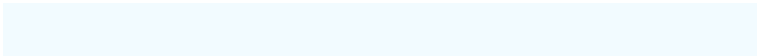
1.3303, 0.5729, 0.3833

Inverse Universe

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



86.9987, 0.3064, 0.3260



95.2816, 0.3050, 0.3253



84.1323, 0.3065, 0.3210



18.5521, 0.3039, 0.3248



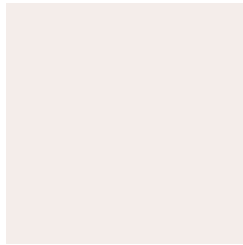
19.8253, 0.1971, 0.2297



1.9204, 0.2010, 0.2436

Previews

White Background



This preview shows how the Yxy color 85.7420, 0.3193, 0.3320 looks on a white background.

Color Contrast Check

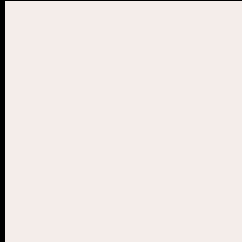
Large Text (above 18pt) WCAG AA × Fail

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 85.7420, 0.3193, 0.3320 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

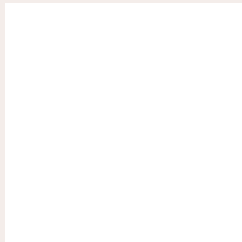
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.7420, 0.3193, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 85.7420, 0.3193, 0.3320.

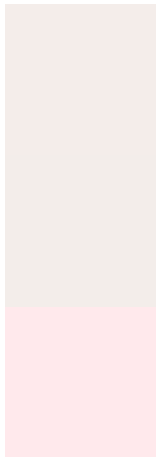


This preview shows how white text looks on a background with the Yxy color 85.7420, 0.3193, 0.3320.

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

85.7420, 0.3193, 0.3320

Protanopia

85.5636, 0.3186, 0.3320

Deuteranopia

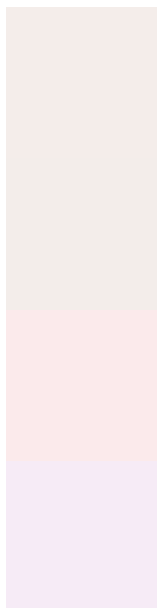
85.5940, 0.3258, 0.3261



Tritanopia

85.7116, 0.3096, 0.3103

Trichromacy



Original Color

85.7420, 0.3193, 0.3320

Protanomaly

85.5636, 0.3186, 0.3320

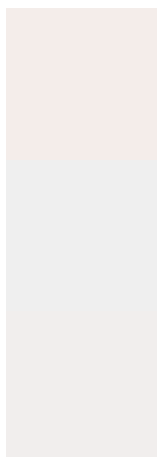
Deuteranomaly

85.3530, 0.3236, 0.3280

Tritanomaly

85.6633, 0.3132, 0.3181

Monochromacy



Original Color

85.7420, 0.3193, 0.3320

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.9643, 0.3153, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.7420, 0.3193, 0.3320 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(244, 237, 234)` looks like.

```
.text, #text, p{  
    color:rgb(244, 237, 234)  
}
```

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(244, 237, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 237, 234) }
```

Border

The CSS property to change the border of an element to Yxy 85.7420, 0.3193, 0.3320 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(244, 237, 234) }
```

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

```
.border{ border-color:rgb(244, 237, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 237, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 237, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 237, 234);  
box-shadow:4px 4px 4px 4px rgb(244, 237,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 85.7420, 0.3193, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 237, 234) }
```

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

```
.background{ background-color: rgb(244,  
237, 234) }
```

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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