

Converting Colors

$Yxy(84.1421, 0.3192, 0.3353)$

Have a look what the booklet for
Yxy(84.1421, 0.3192, 0.3353)
contains.

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Color

Yxy(84.2293, 0.3191, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	F0ECE6
RGB	240, 236, 230
RGB Percent	94%, 93%, 90%
CMY	0.0590, 0.0745, 0.0979
CMYK	0.00, 0.02, 0.04, 0.06
HSL	36°, 25%, 92%
HSV	36°, 4%, 94%
XYZ	80.2076, 84.2293, 86.9188
YIQ	236.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

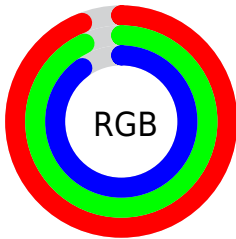
Format	Color
R _Y B	237, 240, 230
Decimal	15789286
CIE Lab	93.55, 0.30, 3.35
CIE LCh	94, 3.362, 84.965
Yxy	84.2293, 0.3191, 0.3351
Android (android.graphics.Color)	4293979366 (0xFFFF0ECE6)
YUV	236.5120, -3.2104, 3.0590
Hunter-Lab	91.7765, -4.6098, 8.0918

Details

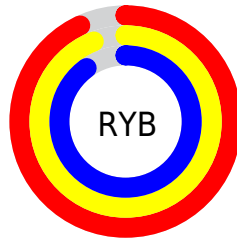
The Yxy color **84.2293, 0.3191, 0.3351** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.9548, 0.3064, 0.3228**, and the grayscale version is **84.3162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.9280, 0.3202, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **77.6252, 0.3359, 0.3505**, and if you desaturate by 10%, it is **91.3200, 0.3042, 0.3206**.

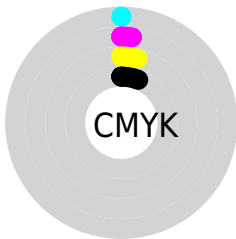
Distribution



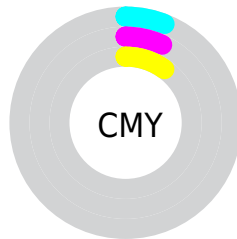
- Red (94%)
- Green (93%)
- Blue (90%)



- Red (93%)
- Yellow (94%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.2293, 0.3191, 0.3351 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 84.2293, 0.3191, 0.3351 by changing the saturation by 10% instead.

84.2293, 0.3191,
0.3351

84.2293, 0.3191,
0.3351

509.0744, 0.3162,
0.3324

63.2048, 0.3197,
0.3357

139.2959, 0.3181,
0.3342

46.0069, 0.3205,
0.3365

174.1067, 0.3177,
0.3338

32.2513, 0.3215,
0.3374

214.2818, 0.3174,
0.3335

21.5535, 0.3228,
0.3386

260.2055, 0.3171,
0.3332

13.5292, 0.3245,
0.3402

312.2622, 0.3168,
0.3329

7.7939, 0.3268,
0.3424

370.8363, 0.3166,

3.9634, 0.3304,

0.3327

436.3122, 0.3164,
0.3325

0.3458

1.6531, 0.3364,
0.3515

0.3930, 0.3935,
0.4062

84.2293, 0.3191,
0.3351

84.2293, 0.3191,
0.3351

77.6252, 0.3359,
0.3505

91.3200, 0.3042,
0.3206

71.4847, 0.3545,
0.3664

97.2587, 0.3035,
0.3290

65.7989, 0.3751,
0.3826

60.5542, 0.3972,
0.3983

■ 55.7363, 0.4205,
0.4127

■ 51.3298, 0.4440,
0.4246

■ 47.3179, 0.4666,
0.4327

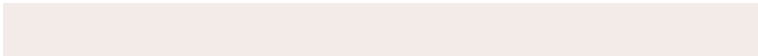
■ 43.6816, 0.4870,
0.4361

■ 40.3988, 0.5042,
0.4341

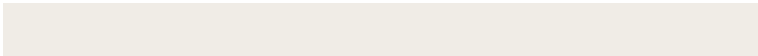
Harmonies

Analogous

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



84.2293, 0.3203, 0.3329



84.2293, 0.3191, 0.3351



84.2293, 0.3162, 0.3357

Triad

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



84.2293, 0.3191, 0.3351



84.2293, 0.3061, 0.3283



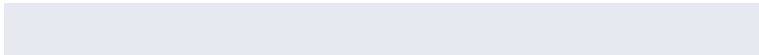
84.2293, 0.3130, 0.3237

Complementary

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



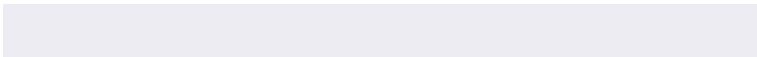
84.2293, 0.3191, 0.3351



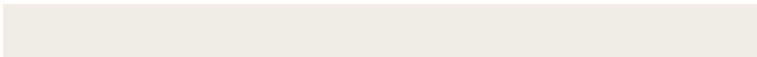
81.9548, 0.3064, 0.3228

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.



84.2293, 0.3092, 0.3224



84.2293, 0.3191, 0.3351



84.2293, 0.3052, 0.3251

Square

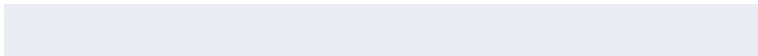
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



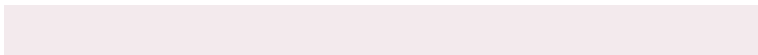
84.2293, 0.3191, 0.3351



84.2293, 0.3087, 0.3318



84.2293, 0.3064, 0.3229



84.2293, 0.3168, 0.3263

Rectangle

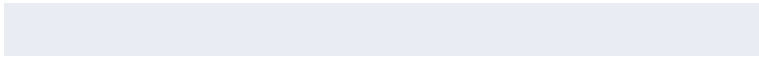
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.2293, 0.3191, 0.3351



84.2293, 0.3137, 0.3351



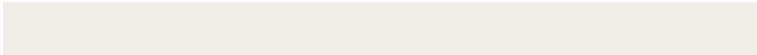
84.2293, 0.3064, 0.3229



84.2293, 0.3117, 0.3231

Sweetspot

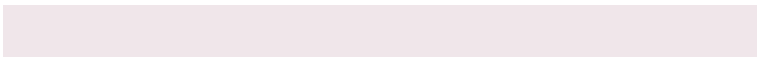
The Sweet Spot groups the original color and five complimentary colors.



84.2330, 0.3191, 0.3351



99.1914, 0.3142, 0.3305



81.0734, 0.3170, 0.3250



21.2396, 0.3142, 0.3304



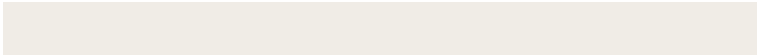
0.0000, 0.0000, 0.0000



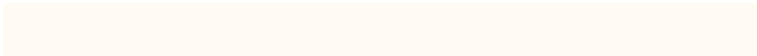
21.4041, 0.3127, 0.3290

Same Dimension

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



84.2330, 0.3191, 0.3351



96.0127, 0.3205, 0.3364



86.3587, 0.3182, 0.3391



17.8871, 0.3216, 0.3374



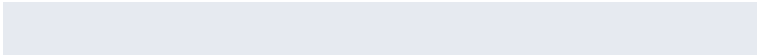
21.4165, 0.5110, 0.4324



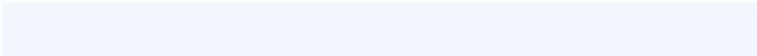
1.9755, 0.4957, 0.4446

Inverse Universe

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



81.9548, 0.3064, 0.3228



92.8598, 0.3050, 0.3215



79.8965, 0.3072, 0.3187



17.2208, 0.3040, 0.3204



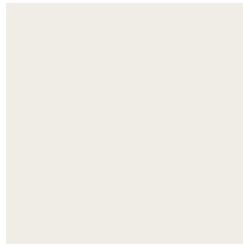
8.2128, 0.1683, 0.1257



0.8724, 0.1755, 0.1517

Previews

White Background



This preview shows how the Yxy color 84.2293, 0.3191, 0.3351 looks on a white background.

Color Contrast Check

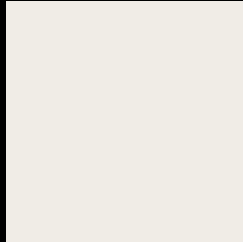
Large Text (above 18pt) WCAG AA × Fail

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 84.2293, 0.3191, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

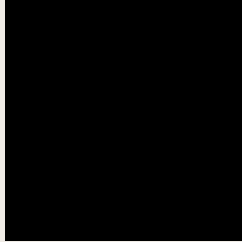
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

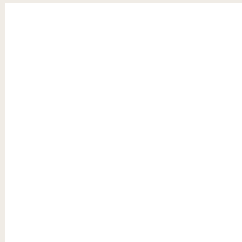
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.2293, 0.3191, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 84.2293, 0.3191, 0.3351.

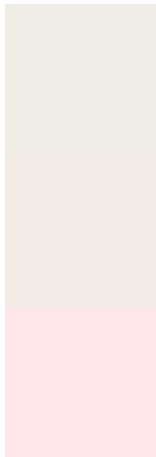


This preview shows how white text looks on a background with the Yxy color 84.2293, 0.3191, 0.3351.

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

84.2293, 0.3191, 0.3351

Protanopia

84.0071, 0.3206, 0.3341

Deuteranopia

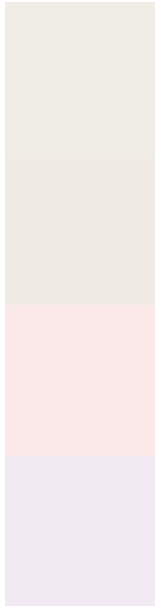
84.2950, 0.3280, 0.3271



Tritanopia

84.2975, 0.3082, 0.3111

Trichromacy



Original Color

84.2293, 0.3191, 0.3351

Protanomaly

83.8306, 0.3199, 0.3341

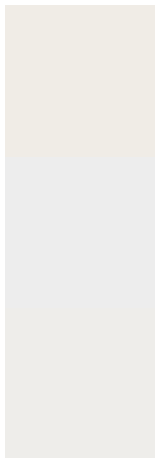
Deuteranomaly

84.4280, 0.3250, 0.3300

Tritanomaly

84.1939, 0.3125, 0.3200

Monochromacy



Original Color

84.2293, 0.3191, 0.3351

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.6860, 0.3152, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.2293, 0.3191, 0.3351 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(240, 236, 230) looks like.

```
.text, #text, p{  
    color:rgb(240, 236, 230)  
}
```

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(240, 236, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 236, 230) }
```

Border

The CSS property to change the border of an element to Yxy 84.2293, 0.3191, 0.3351 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(240, 236, 230) }
```

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

```
.border{ border-color:rgb(240, 236, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 236, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 236, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 236, 230);  
box-shadow:4px 4px 4px 4px rgb(240, 236,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 84.2293, 0.3191, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 236, 230) }
```

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

```
.background{ background-color: rgb(240,  
236, 230) }
```

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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