

Converting Colors

Yxy(84.4512, 0.3185, 0.3321)

Have a look what the booklet for
Yxy(84.4512, 0.3185, 0.3321)
contains.

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Color

Yxy(84.5749, 0.3179, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	F1ECE9
RGB	241, 236, 233
RGB Percent	95%, 93%, 91%
CMY	0.0552, 0.0744, 0.0863
CMYK	0.00, 0.02, 0.03, 0.06
HSL	23°, 22%, 93%
HSV	23°, 3%, 94%
XYZ	80.9586, 84.5749, 89.1334
YIQ	237.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

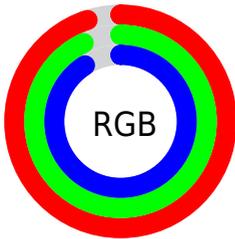
Format	Color
R _Y B	241, 238, 233
Decimal	15854825
CIE Lab	93.70, 1.12, 2.04
CIE LCh	94, 2.331, 61.280
Yxy	84.5749, 0.3179, 0.3321
Android (android.graphics.Color)	4294044905 (0xFFFF1ECE9)
YUV	237.1530, -2.0474, 3.3738
Hunter-Lab	91.9646, -3.8003, 6.9105

Details

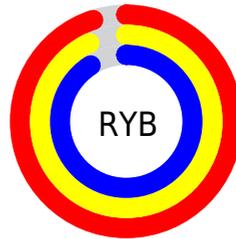
The Yxy color **84.5749, 0.3179, 0.3321** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.7474, 0.3076, 0.3259**, and the grayscale version is **84.8205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1311, 0.3195, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **75.0924, 0.3354, 0.3419**, and if you desaturate by 10%, it is **94.8298, 0.3042, 0.3250**.

Distribution



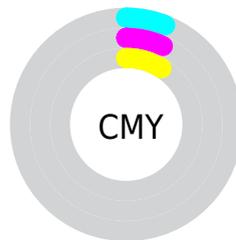
- Red (95%)
- Green (93%)
- Blue (91%)



- Red (95%)
- Yellow (93%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.5749, 0.3179, 0.3321 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 84.5749, 0.3179, 0.3321 by changing the saturation by 10% instead.

 84.5749, 0.3179,
0.3321

 84.5749, 0.3179,
0.3321

510.2204, 0.3156,
0.3307

 63.4902, 0.3184,
0.3324

139.7791, 0.3171,
0.3316

 46.2379, 0.3191,
0.3328

174.6674, 0.3168,
0.3314

 32.4336, 0.3199,
0.3333

214.9256, 0.3165,
0.3313

 21.6929, 0.3209,
0.3339

260.9382, 0.3163,
0.3311

 13.6314, 0.3223,
0.3347

313.0896, 0.3161,
0.3310

 7.8648, 0.3242,
0.3358

371.7642, 0.3159,

 4.0085, 0.3271,

0.3309

0.3374

437.3463, 0.3157,
0.3308

■ 1.6783, 0.3319,
0.3402

■ 0.4096, 0.3690,
0.3627

■ 84.5749, 0.3179,
0.3321

■ 84.5749, 0.3179,
0.3321

■ 75.0924, 0.3354,
0.3419

■ 94.8298, 0.3042,
0.3250

■ 66.4807, 0.3558,
0.3523

■ 97.4284, 0.3041,
0.3290

■ 58.7178, 0.3795,
0.3629

■ 51.7761, 0.4065,
0.3733

■ 45.6268, 0.4368,
0.3826

■ 40.2391, 0.4694,
0.3898

■ 35.5799, 0.5027,
0.3936

■ 31.6129, 0.5345,
0.3927

■ 28.2976, 0.5618,
0.3865

Harmonies

Analogous

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



84.5749, 0.3176, 0.3300



84.5749, 0.3179, 0.3321



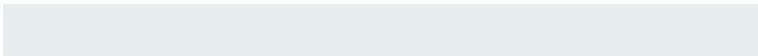
84.5749, 0.3168, 0.3334

Triad

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



84.5749, 0.3179, 0.3321



84.5749, 0.3095, 0.3304



84.5749, 0.3108, 0.3245

Complementary

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



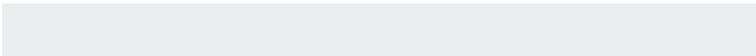
84.5749, 0.3179, 0.3321



84.7474, 0.3076, 0.3259

Split Complementary

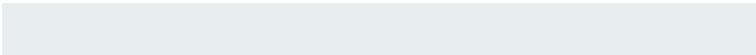
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5749, 0.3087, 0.3246



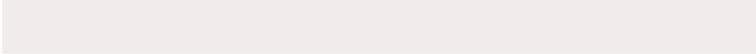
84.5749, 0.3179, 0.3321



84.5749, 0.3079, 0.3280

Square

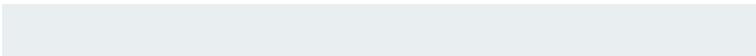
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.5749, 0.3179, 0.3321



84.5749, 0.3119, 0.3325



84.5749, 0.3076, 0.3259



84.5749, 0.3135, 0.3256

Rectangle

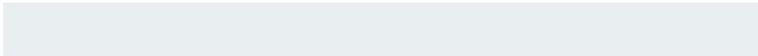
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.5749, 0.3179, 0.3321



84.5749, 0.3154, 0.3337



84.5749, 0.3076, 0.3259



84.5749, 0.3100, 0.3244

Sweetspot

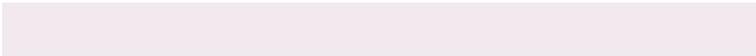
The Sweet Spot groups the original color and five complimentary colors.



84.5786, 0.3179, 0.3321



98.8379, 0.3143, 0.3299



83.1220, 0.3150, 0.3241



21.1676, 0.3142, 0.3299



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

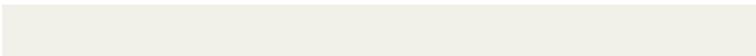
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5786, 0.3179, 0.3321



95.4136, 0.3191, 0.3328



86.8922, 0.3176, 0.3361



17.7207, 0.3202, 0.3335



14.5727, 0.5742, 0.3823



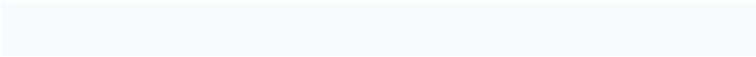
1.3991, 0.5497, 0.4017

Inverse Universe

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



84.7474, 0.3076, 0.3259



95.6461, 0.3065, 0.3252



82.4610, 0.3078, 0.3218



17.7719, 0.3054, 0.3245



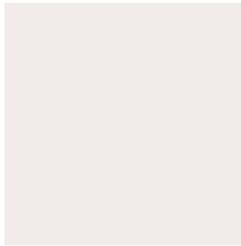
15.2968, 0.1884, 0.1983



1.4643, 0.1937, 0.2173

Previews

White Background



This preview shows how the Yxy color 84.5749, 0.3179, 0.3321 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 84.5749, 0.3179, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

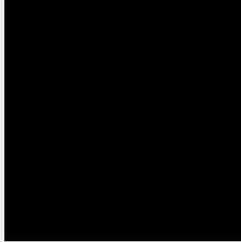
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

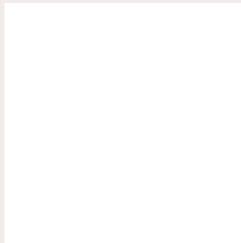
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.5749, 0.3179, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 84.5749, 0.3179, 0.3321.

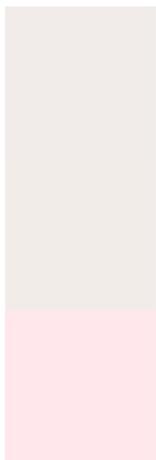


This preview shows how white text looks on a background with the Yxy color 84.5749, 0.3179, 0.3321.

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

84.5749, 0.3179, 0.3321

Protanopia

84.7513, 0.3186, 0.3321

Deuteranopia

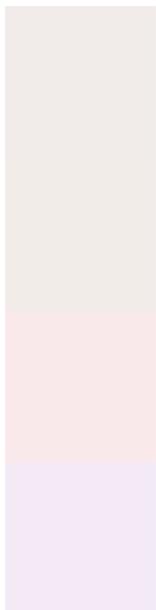
84.4100, 0.3266, 0.3251



Tritanopia

84.5392, 0.3083, 0.3102

Trichromacy



Original Color

84.5749, 0.3179, 0.3321

Protanomaly

84.7513, 0.3186, 0.3321

Deuteranomaly

84.5423, 0.3237, 0.3280

Tritanomaly

84.4929, 0.3119, 0.3180

Monochromacy



Original Color

84.5749, 0.3179, 0.3321

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.8016, 0.3140, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5749, 0.3179, 0.3321 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(241, 236, 233) looks like.

```
.text, #text, p{  
    color:rgb(241, 236, 233)  
}
```

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(241, 236, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 236, 233) }
```

Border

The CSS property to change the border of an element to Yxy 84.5749, 0.3179, 0.3321 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(241, 236, 233) }
```

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

```
.border{ border-color:rgb(241, 236, 233) }
```

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

Here you see how a box with a 4 pixel rgb(241, 236, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 236, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 236, 233);  
box-shadow:4px 4px 4px 4px rgb(241, 236,  
233) }
```

Background

The CSS property to change the background color of an element to Yxy 84.5749, 0.3179, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 236, 233) }
```

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

```
.background{ background-color: rgb(241,  
236, 233) }
```

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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