

Converting Colors

Yxy(84.4554, 0.3179, 0.3488)

Have a look what the booklet for
Yxy(84.4554, 0.3179, 0.3488)
contains.

Yxy(84.3636, 0.3177, 0.3488)	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(84.3636, 0.3177, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	E6F0DD
RGB	230, 240, 221
RGB Percent	90%, 94%, 87%
CMY	0.0981, 0.0588, 0.1332
CMYK	0.04, 0.00, 0.08, 0.06
HSL	92°, 39%, 90%
HSV	92°, 8%, 94%
XYZ	76.8415, 84.3636, 80.6630
YIQ	234.8440, 0.1390, -8.0290

Conversions

Conversions Part 2

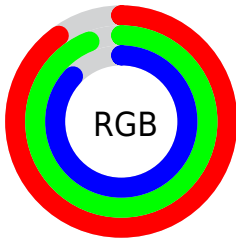
Format	Color
R _Y B	221, 240, 231
Decimal	15134941
CIE Lab	93.61, -6.66, 8.01
CIE LCh	94, 10.419, 129.737
Yxy	84.3636, 0.3177, 0.3488
Android (android.graphics.Color)	4293325021 (0xFFE6F0DD)
YUV	234.8440, -6.8251, -4.2482
Hunter-Lab	91.8497, -11.4037, 12.2259

Details

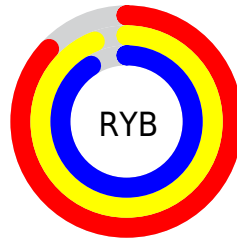
The Yxy color **84.3636, 0.3177, 0.3488** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.0233, 0.3074, 0.3093**, and the grayscale version is **83.0067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.0328, 0.3184, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **81.1539, 0.3239, 0.3759**, and if you desaturate by 10%, it is **87.9164, 0.3114, 0.3240**.

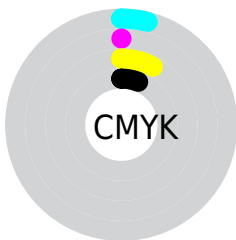
Distribution



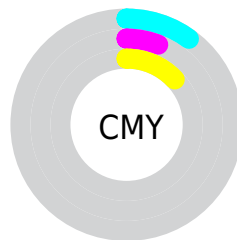
- Red (90%)
- Green (94%)
- Blue (87%)



- Red (87%)
- Yellow (94%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)



- Cyan (10%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.3636, 0.3177, 0.3488 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 84.3636, 0.3177, 0.3488 by changing the saturation by 10% instead.

84.3636, 0.3177,
0.3488

84.3636, 0.3177,
0.3488

509.5199, 0.3155,
0.3398

63.3157, 0.3182,
0.3508

139.4837, 0.3170,
0.3457

46.0966, 0.3188,
0.3533

174.3246, 0.3167,
0.3445

32.3221, 0.3195,
0.3565

214.5320, 0.3164,
0.3434

21.6076, 0.3204,
0.3605

260.4903, 0.3162,
0.3425

13.5689, 0.3215,
0.3660

312.5838, 0.3160,
0.3417

7.8214, 0.3231,
0.3738

371.1970, 0.3158,

3.9809, 0.3254,

0.3410

436.7142, 0.3156,
0.3404

0.3858

1.6629, 0.3288,
0.4062

0.3994, 0.3521,
0.6479

84.3636, 0.3177,
0.3488

84.3636, 0.3177,
0.3488

81.1539, 0.3239,
0.3759

87.9164, 0.3114,
0.3240

78.2654, 0.3299,
0.4048

90.8061, 0.3134,
0.3146

75.6901, 0.3351,
0.4351

73.4156, 0.3393,
0.4656

■ 71.4287, 0.3420,
0.4951

■ 69.7146, 0.3428,
0.5219

■ 68.2572, 0.3415,
0.5445

■ 67.0379, 0.3381,
0.5616

■ 66.0324, 0.3328,
0.5729

Harmonies

Analogous

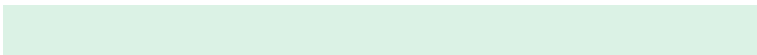
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3636, 0.3285, 0.3496



84.3636, 0.3177, 0.3488



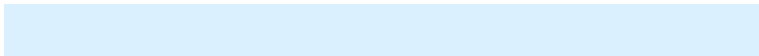
84.3636, 0.3057, 0.3424

Triad

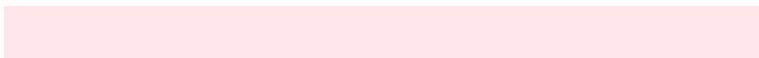
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3636, 0.3177, 0.3488



84.3636, 0.2907, 0.3129



84.3636, 0.3300, 0.3255

Complementary

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



84.3636, 0.3177, 0.3488



75.0233, 0.3074, 0.3093

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.



84.3636, 0.3195, 0.3161



84.3636, 0.3177, 0.3488



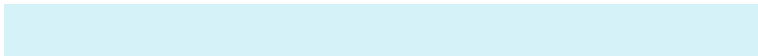
84.3636, 0.2969, 0.3089

Square

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



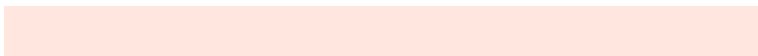
84.3636, 0.3177, 0.3488



84.3636, 0.2902, 0.3214



84.3636, 0.3074, 0.3101



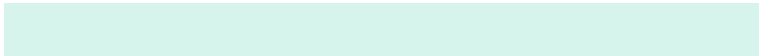
84.3636, 0.3357, 0.3359

Rectangle

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



84.3636, 0.3177, 0.3488



84.3636, 0.2986, 0.3359



84.3636, 0.3074, 0.3101



84.3636, 0.3269, 0.3221

Sweetspot

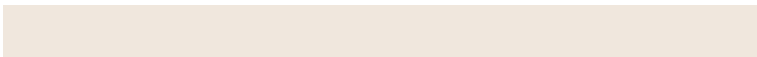
The Sweet Spot groups the original color and five complimentary colors.



84.3672, 0.3177, 0.3488



99.1679, 0.3140, 0.3339



80.8107, 0.3254, 0.3391



21.2348, 0.3139, 0.3336



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.



84.3672, 0.3177, 0.3488



96.3794, 0.3184, 0.3517



82.9428, 0.3116, 0.3488



18.0215, 0.3187, 0.3529



36.1175, 0.3328, 0.5740



3.0634, 0.3429, 0.5659

Inverse Universe

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



75.0233, 0.3074, 0.3093



84.2279, 0.3066, 0.3063



76.5310, 0.3138, 0.3100



15.6401, 0.3063, 0.3052



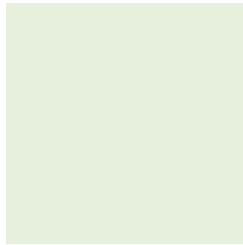
5.9905, 0.2081, 0.0920



0.5575, 0.2220, 0.0996

Previews

White Background



This preview shows how the Yxy color 84.3636, 0.3177, 0.3488 looks on a white background.

Color Contrast Check

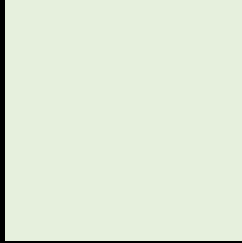
Large Text (above 18pt) WCAG AA × Fail

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 84.3636, 0.3177, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

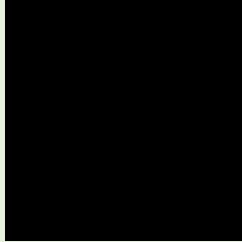
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

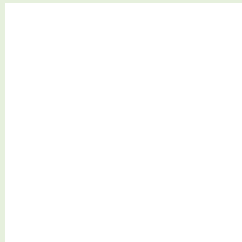
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.3636, 0.3177, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 84.3636, 0.3177, 0.3488.

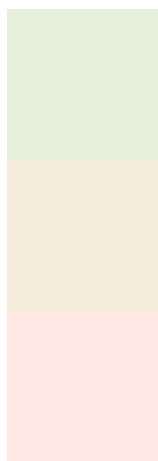


This preview shows how white text looks on a background with the Yxy color 84.3636, 0.3177, 0.3488.

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

84.3636, 0.3177, 0.3488

Protanopia

84.5179, 0.3296, 0.3463

Deuteranopia

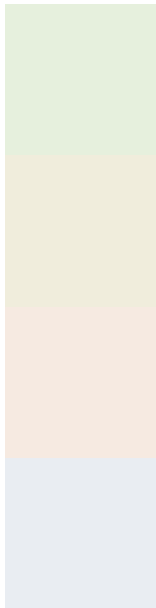
84.0133, 0.3313, 0.3320



Tritanopia

84.2346, 0.3012, 0.3099

Trichromacy



Original Color

84.3636, 0.3177, 0.3488

Protanomaly

84.2609, 0.3254, 0.3465

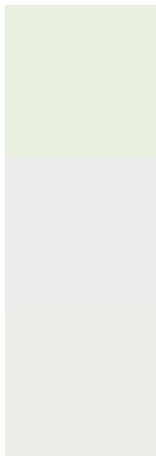
Deuteranomaly

83.8747, 0.3266, 0.3381

Tritanomaly

84.3028, 0.3070, 0.3239

Monochromacy



Original Color

84.3636, 0.3177, 0.3488

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.6052, 0.3144, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.3636, 0.3177, 0.3488 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(230, 240, 221)` looks like.

```
.text, #text, p{  
    color:rgb(230, 240, 221)  
}
```

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(230, 240, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 240, 221) }
```

Border

The CSS property to change the border of an element to Yxy 84.3636, 0.3177, 0.3488 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(230, 240, 221) }
```

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

```
.border{ border-color:rgb(230, 240, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 240, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 240, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 240, 221);  
box-shadow:4px 4px 4px 4px rgb(230, 240,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 84.3636, 0.3177, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 240, 221) }
```

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

```
.background{ background-color: rgb(230,  
240, 221) }
```

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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