

Converting Colors

$Yxy(86.6384, 0.3233, 0.3438)$

Have a look what the booklet for
Yxy(86.6384, 0.3233, 0.3438)
contains.

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Color

Yxy(86.6337, 0.3233, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	F2F0E1
RGB	242, 240, 225
RGB Percent	95%, 94%, 88%
CMY	0.0510, 0.0588, 0.1175
CMYK	0.00, 0.01, 0.07, 0.05
HSL	53°, 40%, 92%
HSV	53°, 7%, 95%
XYZ	81.3733, 86.6337, 83.6889
YIQ	238.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

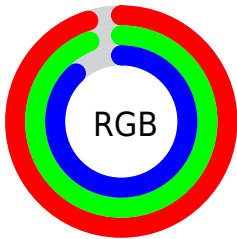
Format	Color
RYB	227, 242, 225
Decimal	15921377
CIELab	94.58, -1.88, 7.46
CIElCh	95, 7.690, 104.136
Yxy	86.6337, 0.3233, 0.3442
Android (android.graphics.Color)	4294111457 (0xFFFF2F0E1)
YUV	238.8880, -6.8468, 2.7292
Hunter-Lab	93.0772, -6.8306, 11.8444

Details

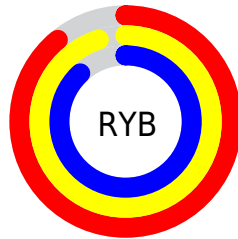
The Yxy color **86.6337, 0.3233, 0.3442** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.3821, 0.3019, 0.3133**, and the grayscale version is **86.2800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.6224, 0.3256, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **83.7389, 0.3391, 0.3666**, and if you desaturate by 10%, it is **89.7497, 0.3084, 0.3227**.

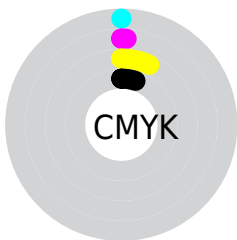
Distribution



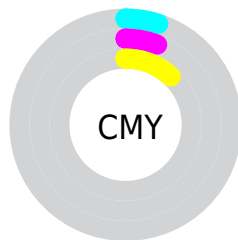
- Red (95%)
- Green (94%)
- Blue (88%)



- Red (89%)
- Yellow (95%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (5%)




- Cyan (5%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.6337, 0.3233, 0.3442 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 86.6337, 0.3233, 0.3442 by changing the saturation by 10% instead.


 86.6337, 0.3233,
0.3442

 86.6337, 0.3233,
0.3442


517.0185, 0.3186,
0.3374

 65.1921, 0.3243,
0.3457

142.6535, 0.3217,
0.3419

 47.6169, 0.3256,
0.3476

178.0004, 0.3211,
0.3409

 33.5236, 0.3272,
0.3499


218.7513, 0.3205,
0.3401

 22.5278, 0.3292,
0.3529

265.2906, 0.3200,
0.3394

 14.2453, 0.3319,
0.3569

318.0025, 0.3196,
0.3388

 8.2914, 0.3357,
0.3625

377.2715, 0.3192,

 4.2820, 0.3412,

0.3383

443.4820, 0.3189,
0.3378

0.3708

■ 1.8325, 0.3502,
0.3847

■ 0.5073, 0.4477,
0.5205

■ 86.6337, 0.3233,
0.3442

■ 86.6337, 0.3233,
0.3442

■ 83.7389, 0.3391,
0.3666

■ 89.7497, 0.3084,
0.3227

■ 81.0462, 0.3555,
0.3892

■ 91.8384, 0.3049,
0.3199

■ 78.5507, 0.3721,
0.4115

■ 93.5880, 0.3049,
0.3227

■ 76.2433, 0.3882,
0.4325

■ 95.3644, 0.3048,
0.3255

■ 74.1140, 0.4032,
0.4512

■ 97.1678, 0.3048,
0.3283

■ 72.1516, 0.4165,
0.4665

■ 97.6184, 0.3048,
0.3290

■ 70.3437, 0.4274,
0.4778

■ 68.6755, 0.4355,
0.4846

■ 67.1282, 0.4408,
0.4869

Harmonies

Analogous

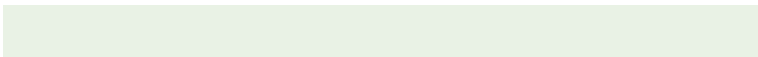
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.6337, 0.3287, 0.3413



86.6337, 0.3233, 0.3442



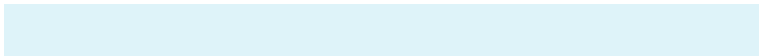
86.6337, 0.3151, 0.3430

Triad

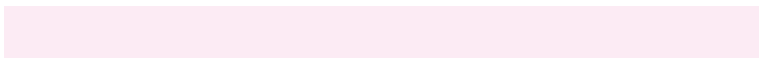
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.6337, 0.3233, 0.3442



86.6337, 0.2960, 0.3225



86.6337, 0.3190, 0.3204

Complementary

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



86.6337, 0.3233, 0.3442



77.3821, 0.3019, 0.3133

Split Complementary

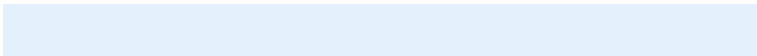
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.6337, 0.3101, 0.3156



86.6337, 0.3233, 0.3442



86.6337, 0.2970, 0.3166

Square

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



86.6337, 0.3233, 0.3442



86.6337, 0.2994, 0.3303



86.6337, 0.3021, 0.3141



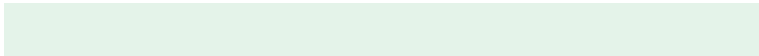
86.6337, 0.3262, 0.3276

Rectangle

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



86.6337, 0.3233, 0.3442



86.6337, 0.3092, 0.3399



86.6337, 0.3021, 0.3141



86.6337, 0.3161, 0.3185

Sweetspot

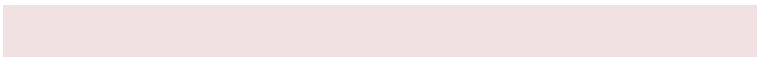
The Sweet Spot groups the original color and five complimentary colors.



86.6375, 0.3233, 0.3442



99.2922, 0.3157, 0.3333



78.3084, 0.3232, 0.3267



21.2601, 0.3155, 0.3331



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.



86.6375, 0.3233, 0.3442



97.2275, 0.3249, 0.3464



86.7417, 0.3190, 0.3464



18.1216, 0.3271, 0.3496



35.9522, 0.4417, 0.4875



3.0802, 0.4384, 0.4901

Inverse Universe

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



77.3821, 0.3019, 0.3133



85.3879, 0.3003, 0.3110



77.3104, 0.3062, 0.3114



15.5293, 0.2980, 0.3075



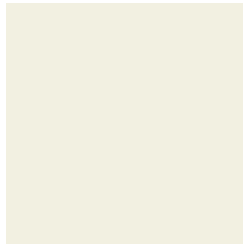
4.0057, 0.1524, 0.0687



0.4303, 0.1572, 0.0858

Previews

White Background



This preview shows how the Yxy color 86.6337, 0.3233, 0.3442 looks on a white background.

Color Contrast Check

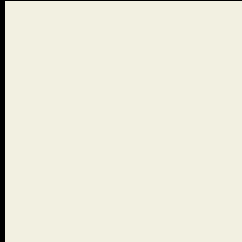
Large Text (above 18pt) WCAG AA × Fail

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 86.6337, 0.3233, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

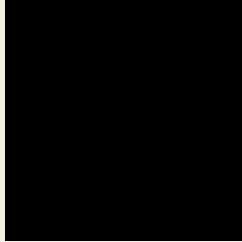
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

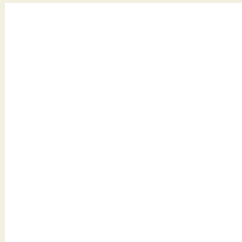
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.6337, 0.3233, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 86.6337, 0.3233, 0.3442.

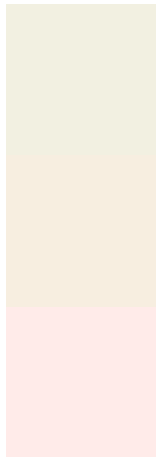


This preview shows how white text looks on a background with the Yxy color 86.6337, 0.3233, 0.3442.

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

86.6337, 0.3233, 0.3442

Protanopia

86.3050, 0.3275, 0.3431

Deuteranopia

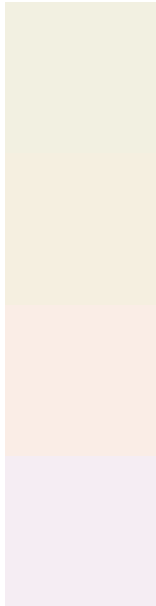
86.5599, 0.3276, 0.3310



Tritanopia

86.7395, 0.3083, 0.3113

Trichromacy



Original Color

86.6337, 0.3233, 0.3442

Protanomaly

86.5273, 0.3261, 0.3442

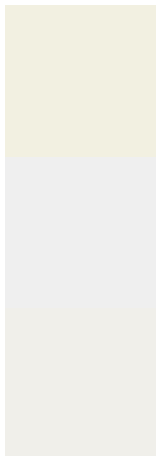
Deuteranomaly

86.6055, 0.3259, 0.3360

Tritanomaly

86.4519, 0.3143, 0.3230

Monochromacy



Original Color

86.6337, 0.3233, 0.3442

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.1988, 0.3164, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.6337, 0.3233, 0.3442 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(242, 240, 225)` looks like.

```
.text, #text, p{  
    color:rgb(242, 240, 225)  
}
```

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(242, 240, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 240, 225) }
```

Border

The CSS property to change the border of an element to Yxy 86.6337, 0.3233, 0.3442 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(242, 240, 225) }
```

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

```
.border{ border-color:rgb(242, 240, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 240, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 240, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 240, 225);  
box-shadow:4px 4px 4px 4px rgb(242, 240,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 86.6337, 0.3233, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 240, 225) }
```

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

```
.background{ background-color: rgb(242,  
240, 225) }
```

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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