

Converting Colors

Yxy(86.4162, 0.3169, 0.3465)

Have a look what the booklet for
Yxy(86.4162, 0.3169, 0.3465)
contains.

Yxy(86.2641, 0.3171, 0.3465)	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(86.2641, 0.3171, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	E9F2E1
RGB	233, 242, 225
RGB Percent	91%, 95%, 88%
CMY	0.0864, 0.0509, 0.1175
CMYK	0.04, 0.00, 0.07, 0.05
HSL	92°, 40%, 92%
HSV	92°, 7%, 95%
XYZ	78.9447, 86.2641, 83.7496
YIQ	237.3710, 0.0930, -7.1950

Conversions

Conversions Part 2

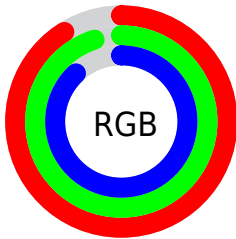
Format	Color
R _Y B	225, 242, 234
Decimal	15332065
CIE Lab	94.43, -5.97, 7.14
CIE LCh	94, 9.308, 129.897
Yxy	86.2641, 0.3171, 0.3465
Android (android.graphics.Color)	4293522145 (0xFFE9F2E1)
YUV	237.3710, -6.0989, -3.8334
Hunter-Lab	92.8785, -10.8161, 11.5524

Details

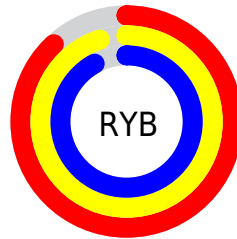
The Yxy color **86.2641, 0.3171, 0.3465** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.7867, 0.3081, 0.3115**, and the grayscale version is **85.0380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3672, 0.3176, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **82.9497, 0.3233, 0.3734**, and if you desaturate by 10%, it is **89.9315, 0.3109, 0.3219**.

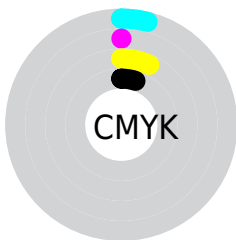
Distribution



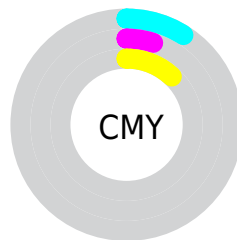
- Red (91%)
- Green (95%)
- Blue (88%)



- Red (88%)
- Yellow (95%)
- Blue (92%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)





- Cyan (9%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.2641, 0.3171, 0.3465 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 86.2641, 0.3171, 0.3465 by changing the saturation by 10% instead.

 86.2641, 0.3171,
0.3465

 86.2641, 0.3171,
0.3465


515.8016, 0.3152,
0.3386

 64.8864, 0.3175,
0.3483

142.1380, 0.3164,
0.3438

 47.3690, 0.3180,
0.3505


177.4029, 0.3162,
0.3427

 33.3274, 0.3187,
0.3532


218.0657, 0.3160,
0.3418

 22.3774, 0.3194,
0.3567

264.5108, 0.3158,
0.3410

 14.1345, 0.3205,
0.3615

317.1226, 0.3156,
0.3403

 8.2142, 0.3219,
0.3682

376.2853, 0.3154,

 4.2323, 0.3239,

0.3396

0.3783

442.3836, 0.3153,
0.3391

■ 1.8044, 0.3269,
0.3955

■ 0.4899, 0.3790,
0.5805

■ 86.2641, 0.3171,
0.3465

■ 86.2641, 0.3171,
0.3465

■ 82.9497, 0.3233,
0.3734

■ 89.9315, 0.3109,
0.3219

■ 79.9658, 0.3292,
0.4022

■ 91.9900, 0.3133,
0.3166

■ 77.3044, 0.3345,
0.4325

■ 74.9528, 0.3387,
0.4631

■ 72.8974, 0.3415,
0.4928

■ 71.1233, 0.3425,
0.5200

■ 69.6141, 0.3413,
0.5430

■ 68.3509, 0.3380,
0.5607

■ 67.3106, 0.3328,
0.5724

Harmonies

Analogous

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



86.2641, 0.3267, 0.3472



86.2641, 0.3171, 0.3465



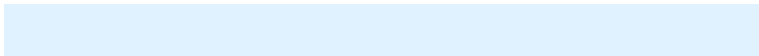
86.2641, 0.3064, 0.3408

Triad

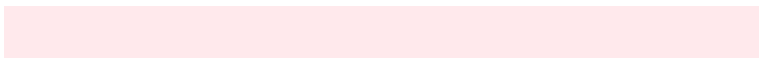
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.2641, 0.3171, 0.3465



86.2641, 0.2932, 0.3147



86.2641, 0.3280, 0.3259

Complementary

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



86.2641, 0.3171, 0.3465



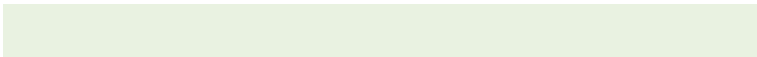
77.7867, 0.3081, 0.3115

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.



86.2641, 0.3188, 0.3176



86.2641, 0.3171, 0.3465



86.2641, 0.2987, 0.3111

Square

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



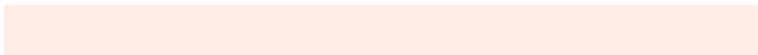
86.2641, 0.3171, 0.3465



86.2641, 0.2927, 0.3223



86.2641, 0.3081, 0.3122



86.2641, 0.3331, 0.3352

Rectangle

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



86.2641, 0.3171, 0.3465



86.2641, 0.3002, 0.3351



86.2641, 0.3081, 0.3122



86.2641, 0.3253, 0.3230

Sweetspot

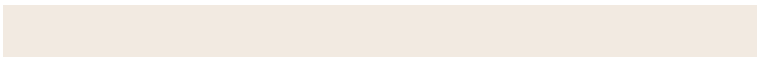
The Sweet Spot groups the original color and five complimentary colors.



86.2678, 0.3171, 0.3465



99.1646, 0.3140, 0.3339



83.0527, 0.3239, 0.3380



21.2341, 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.



86.2678, 0.3171, 0.3465



96.7535, 0.3177, 0.3491



84.9773, 0.3117, 0.3465



18.0187, 0.3186, 0.3529



36.0875, 0.3324, 0.5743



3.0608, 0.3425, 0.5663

Inverse Universe

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



77.7867, 0.3081, 0.3115



85.9029, 0.3074, 0.3090



79.1441, 0.3137, 0.3121



15.6429, 0.3063, 0.3052



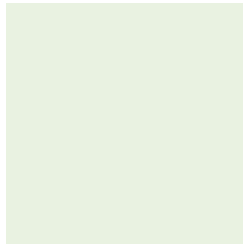
6.0254, 0.2088, 0.0924



0.5604, 0.2226, 0.1000

Previews

White Background



This preview shows how the Yxy color 86.2641, 0.3171, 0.3465 looks on a white background.

Color Contrast Check

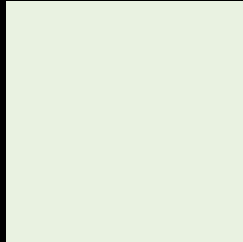
Large Text (above 18pt) WCAG AA × Fail

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 86.2641, 0.3171, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

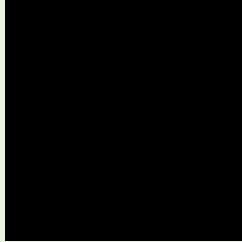
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

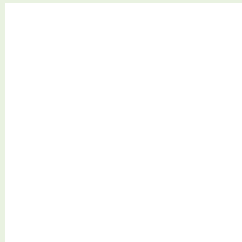
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.2641, 0.3171, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 86.2641, 0.3171, 0.3465.

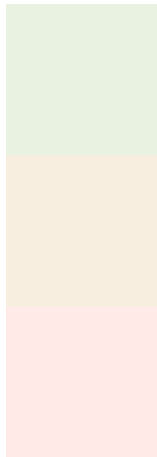


This preview shows how white text looks on a background with the Yxy color 86.2641, 0.3171, 0.3465.

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

86.2641, 0.3171, 0.3465

Protanopia

86.2509, 0.3282, 0.3441

Deuteranopia

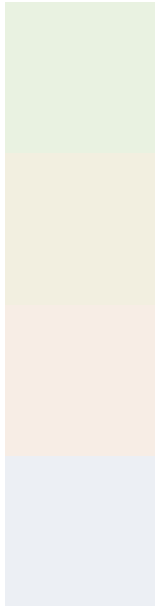
85.9318, 0.3283, 0.3310



Tritanopia

85.9655, 0.3025, 0.3111

Trichromacy



Original Color

86.2641, 0.3171, 0.3465

Protanomaly

85.9921, 0.3240, 0.3443

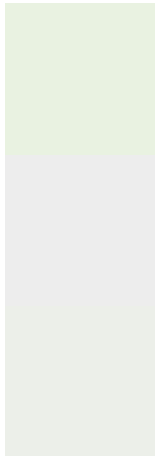
Deuteranomaly

85.9997, 0.3245, 0.3371

Tritanomaly

86.0975, 0.3077, 0.3239

Monochromacy



Original Color

86.2641, 0.3171, 0.3465

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.4491, 0.3144, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.2641, 0.3171, 0.3465 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(233, 242, 225)` looks like.

```
.text, #text, p{  
    color:rgb(233, 242, 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(233, 242, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 242, 225) }
```

Border

The CSS property to change the border of an element to Yxy 86.2641, 0.3171, 0.3465 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(233, 242, 225) }
```

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

```
.border{ border-color:rgb(233, 242, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 242, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 242, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 242, 225);  
box-shadow:4px 4px 4px 4px rgb(233, 242,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 86.2641, 0.3171, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 242, 225) }
```

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

```
.background{ background-color: rgb(233,  
242, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor