

Converting Colors

Yxy(86.5812, 0.3127, 0.3447)

Have a look what the booklet for
Yxy(86.5812, 0.3127, 0.3447)
contains.

Yxy(86.3606, 0.3126, 0.3445)	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(86.3606, 0.3126, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	E5F3E4
RGB	229, 243, 228
RGB Percent	90%, 95%, 89%
CMY	0.1021, 0.0470, 0.1058
CMYK	0.06, 0.00, 0.06, 0.05
HSL	116°, 38%, 92%
HSV	116°, 6%, 95%
XYZ	78.3638, 86.3606, 85.9595
YIQ	237.1040, -3.5290, -7.6330

Conversions

Conversions Part 2

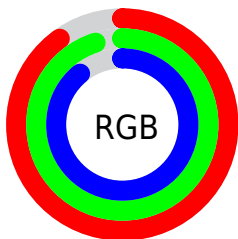
Format	Color
R_{YB}	228, 243, 242
Decimal	15070180
CIE Lab	94.47, -7.30, 5.61
CIE LCh	94, 9.212, 142.450
Yxy	86.3606, 0.3126, 0.3445
Android (android.graphics.Color)	4293260260 (0xFFE5F3E4)
YUV	237.1040, -4.4883, -7.1072
Hunter-Lab	92.9304, -12.1077, 10.2087

Details

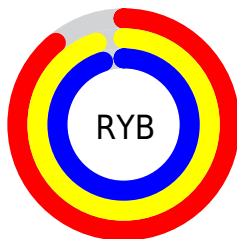
The Yxy color **86.3606, 0.3126, 0.3445** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8654, 0.3128, 0.3139**, and the grayscale version is **84.8101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.5564, 0.3127, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **81.6046, 0.3123, 0.3724**, and if you desaturate by 10%, it is **91.8052, 0.3128, 0.3200**.

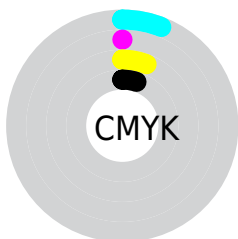
Distribution



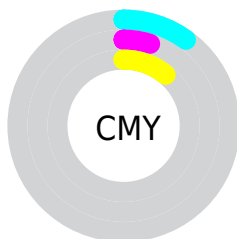
- Red (90%)
- Green (95%)
- Blue (89%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)




- Cyan (10%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3606, 0.3126, 0.3445 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 86.3606, 0.3126, 0.3445 by changing the saturation by 10% instead.


 86.3606, 0.3126,
0.3445

 86.3606, 0.3126,
0.3445

516.1195, 0.3127,
0.3375

 64.9662, 0.3126,
0.3461


142.2726, 0.3126,
0.3421

 47.4337, 0.3125,
0.3480


177.5590, 0.3127,
0.3411

 33.3786, 0.3125,
0.3504


218.2448, 0.3127,
0.3403

 22.4167, 0.3124,
0.3536

264.7145, 0.3127,
0.3396

 14.1634, 0.3123,
0.3578

317.3524, 0.3127,
0.3390

 8.2344, 0.3120,
0.3637

376.5429, 0.3127,

 4.2453, 0.3116,

0.3384

0.3728

442.6705, 0.3127,
0.3379

■ 1.8117, 0.3107,
0.3882

■ 0.4944, 0.3130,
0.5305

■ 86.3606, 0.3126,
0.3445

■ 86.3606, 0.3126,
0.3445

■ 81.6046, 0.3123,
0.3724

■ 91.8052, 0.3128,
0.3200

■ 77.4991, 0.3117,
0.4036

■ 92.5876, 0.3133,
0.3175

■ 74.0193, 0.3109,
0.4374

■ 71.1344, 0.3098,
0.4729

■ 68.8110, 0.3084,
0.5081

■ 67.0125, 0.3067,
0.5404

■ 65.6979, 0.3049,
0.5672

■ 64.8200, 0.3030,
0.5863

■ 64.3223, 0.3014,
0.5968

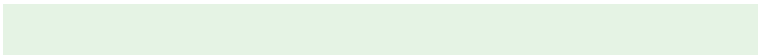
Harmonies

Analogous

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



86.3606, 0.3229, 0.3474



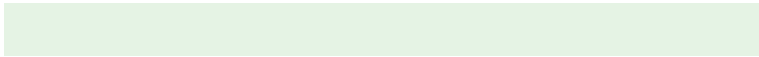
86.3606, 0.3126, 0.3445



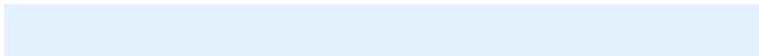
86.3606, 0.3025, 0.3373

Triad

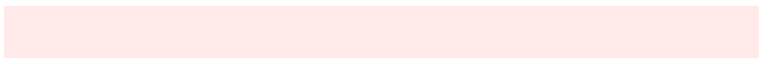
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3606, 0.3126, 0.3445



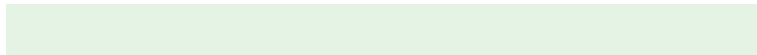
86.3606, 0.2951, 0.3129



86.3606, 0.3306, 0.3298

Complementary

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



86.3606, 0.3126, 0.3445



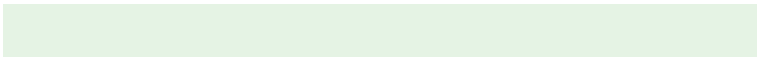
80.8654, 0.3128, 0.3139

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.



86.3606, 0.3229, 0.3209



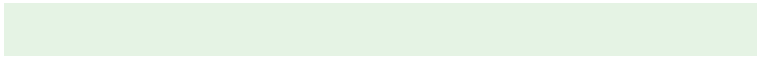
86.3606, 0.3126, 0.3445



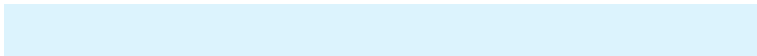
86.3606, 0.3024, 0.3112

Square

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



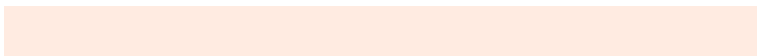
86.3606, 0.3126, 0.3445



86.3606, 0.2925, 0.3189



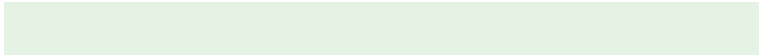
86.3606, 0.3126, 0.3142



86.3606, 0.3334, 0.3387

Rectangle

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



86.3606, 0.3126, 0.3445



86.3606, 0.2971, 0.3310



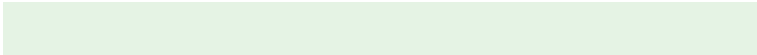
86.3606, 0.3126, 0.3142



86.3606, 0.3285, 0.3267

Sweetspot

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



86.3643, 0.3126, 0.3445



98.7806, 0.3127, 0.3339



88.1712, 0.3219, 0.3431



21.1559, 0.3127, 0.3337



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

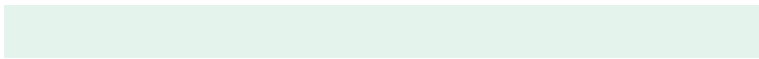
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3643, 0.3126, 0.3445



95.8674, 0.3126, 0.3468



86.5773, 0.3081, 0.3377



18.7265, 0.3126, 0.3483



35.2570, 0.3013, 0.5989



3.1159, 0.3047, 0.5963

Inverse Universe

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



80.8654, 0.3128, 0.3139



88.9232, 0.3128, 0.3118



80.6471, 0.3176, 0.3204



17.2599, 0.3128, 0.3104



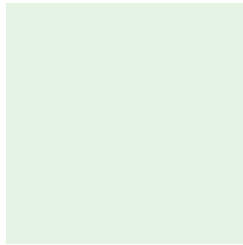
12.6023, 0.3052, 0.1455



1.1234, 0.3073, 0.1466

Previews

White Background



This preview shows how the Yxy color 86.3606, 0.3126, 0.3445 looks on a white background.

Color Contrast Check

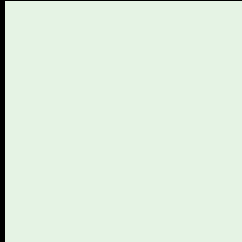
Large Text (above 18pt) WCAG AA × Fail

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 86.3606, 0.3126, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

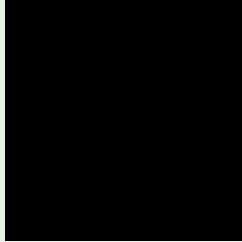
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

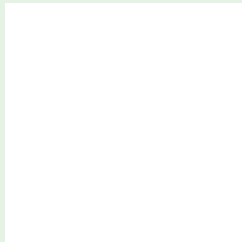
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3606, 0.3126, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 86.3606, 0.3126, 0.3445.

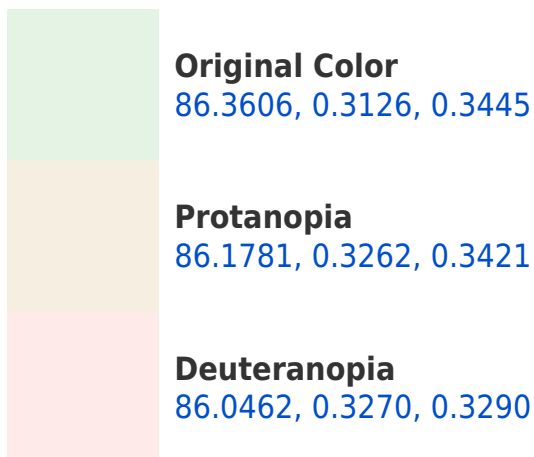


This preview shows how white text looks on a background with the Yxy color 86.3606, 0.3126, 0.3445.

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

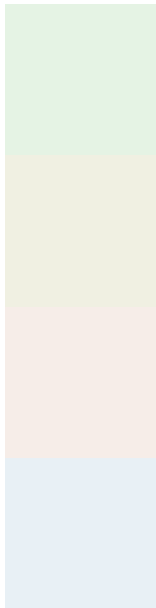




Tritanopia

86.4454, 0.2999, 0.3130

Trichromacy



Original Color

86.3606, 0.3126, 0.3445

Protanomaly

86.3364, 0.3213, 0.3433

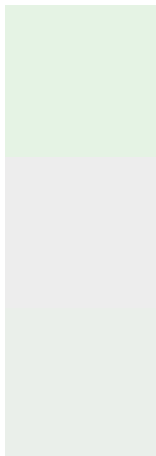
Deuteranomaly

85.9874, 0.3219, 0.3340

Tritanomaly

86.0686, 0.3045, 0.3239

Monochromacy



Original Color

86.3606, 0.3126, 0.3445

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.1659, 0.3125, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3606, 0.3126, 0.3445 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(229, 243, 228)` looks like.

```
.text, #text, p{  
    color:rgb(229, 243, 228)  
}
```

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(229, 243, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 243, 228) }
```

Border

The CSS property to change the border of an element to Yxy 86.3606, 0.3126, 0.3445 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(229, 243, 228) }
```

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

```
.border{ border-color:rgb(229, 243, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 243, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 243, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 243, 228); box-shadow:4px 4px 4px 4px rgb(229, 243, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3606, 0.3126, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 243, 228) }
```

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

```
.background{ background-color: rgb(229,  
243, 228) }
```

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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