

Converting Colors

$Yxy(86.3104, 0.3100, 0.3457)$

Have a look what the booklet for
Yxy(86.3104, 0.3100, 0.3457)
contains.

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Color

Yxy(86.3104, 0.3100, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	E1F4E4
RGB	225, 244, 228
RGB Percent	88%, 96%, 89%
CMY	0.1177, 0.0431, 0.1060
CMYK	0.08, 0.00, 0.07, 0.04
HSL	129°, 46%, 92%
HSV	129°, 8%, 96%
XYZ	77.3972, 86.3104, 85.9609
YIQ	236.4950, -6.1880, -9.0040

Conversions

Conversions Part 2

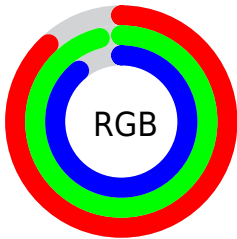
Format	Color
R _Y B	225, 241, 244
Decimal	14808292
CIE Lab	94.44, -9.15, 5.58
CIE LCh	94, 10.712, 148.631
Yxy	86.3104, 0.3100, 0.3457
Android (android.graphics.Color)	4292998372 (0xFFE1F4E4)
YUV	236.4950, -4.1880, -10.0811
Hunter-Lab	92.9034, -13.8737, 10.1730

Details

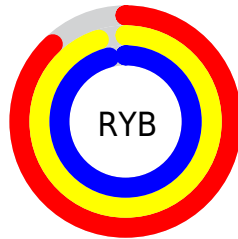
The Yxy color **86.3104, 0.3100, 0.3457** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.4256, 0.3156, 0.3129**, and the grayscale version is **84.3146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.5296, 0.3093, 0.3492** is the 20% darker color. If you saturate the color by 10%, you get **81.5944, 0.3065, 0.3697**, and if you desaturate by 10%, it is **91.7299, 0.3135, 0.3246**.

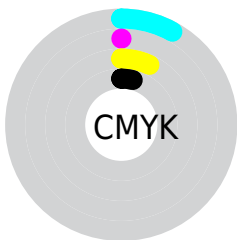
Distribution



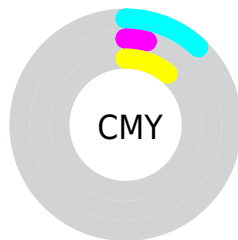
- Red (88%)
- Green (96%)
- Blue (89%)



- Red (88%)
- Yellow (95%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.3104, 0.3100, 0.3457 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 86.3104, 0.3100, 0.3457 by changing the saturation by 10% instead.

86.3104, 0.3100,
0.3457

86.3104, 0.3100,
0.3457

515.9542, 0.3113,
0.3381

64.9247, 0.3097,
0.3474

142.2026, 0.3104,
0.3431

47.4000, 0.3093,
0.3495

177.4778, 0.3106,
0.3421

33.3520, 0.3089,
0.3521

218.1517, 0.3108,
0.3412

22.3962, 0.3083,
0.3555

264.6085, 0.3109,
0.3404

14.1483, 0.3075,
0.3601

317.2328, 0.3110,
0.3397

8.2239, 0.3063,
0.3666

376.4089, 0.3111,

4.2386, 0.3044,

0.3391

0.3764

442.5212, 0.3112,
0.3386

■ 1.8079, 0.3010,
0.3933

■ 0.4921, 0.2770,
0.5576

■ 86.3104, 0.3100,
0.3457

■ 86.3104, 0.3100,
0.3457

■ 81.5944, 0.3065,
0.3697

■ 91.7299, 0.3135,
0.3246

■ 77.5425, 0.3030,
0.3965

■ 93.1900, 0.3132,
0.3185

■ 74.1280, 0.2997,
0.4258

■ 71.3182, 0.2969,
0.4570

■ 69.0774, 0.2947,
0.4887

■ 67.3663, 0.2936,
0.5194

■ 66.1403, 0.2935,
0.5469

■ 65.3473, 0.2945,
0.5695

■ 64.9188, 0.2964,
0.5856

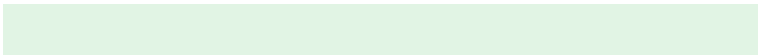
Harmonies

Analogous

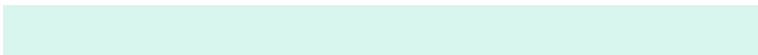
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3104, 0.3222, 0.3502



86.3104, 0.3100, 0.3457



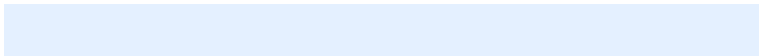
86.3104, 0.2987, 0.3365

Triad

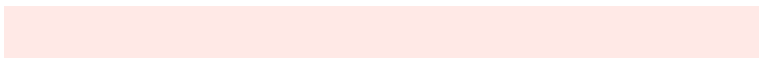
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3104, 0.3100, 0.3457



86.3104, 0.2936, 0.3094



86.3104, 0.3347, 0.3321

Complementary

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



86.3104, 0.3100, 0.3457



79.4256, 0.3156, 0.3129

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.



86.3104, 0.3268, 0.3216



86.3104, 0.3100, 0.3457



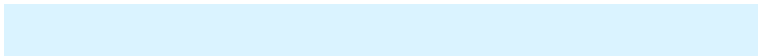
86.3104, 0.3030, 0.3087

Square

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



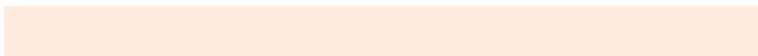
86.3104, 0.3100, 0.3457



86.3104, 0.2893, 0.3154



86.3104, 0.3151, 0.3131



86.3104, 0.3367, 0.3420

Rectangle

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



86.3104, 0.3100, 0.3457



86.3104, 0.2931, 0.3290



86.3104, 0.3151, 0.3131



86.3104, 0.3327, 0.3285

Sweetspot

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



86.3141, 0.3100, 0.3457



98.7719, 0.3120, 0.3331



88.8738, 0.3224, 0.3483



21.1541, 0.3121, 0.3329



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.



86.3141, 0.3100, 0.3457



94.7209, 0.3096, 0.3485



86.8489, 0.3045, 0.3359



18.5146, 0.3094, 0.3495



35.2714, 0.2962, 0.5865



3.1123, 0.2908, 0.5668

Inverse Universe

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



79.4256, 0.3156, 0.3129



85.9907, 0.3160, 0.3103



78.8796, 0.3217, 0.3223



16.7208, 0.3162, 0.3093



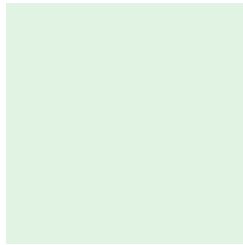
12.8861, 0.3653, 0.1786



1.1444, 0.3588, 0.1750

Previews

White Background



This preview shows how the Yxy color 86.3104, 0.3100, 0.3457 looks on a white background.

Color Contrast Check

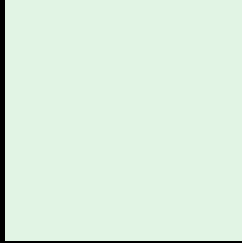
Large Text (above 18pt) WCAG AA × Fail

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 86.3104, 0.3100, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

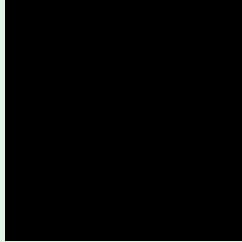
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

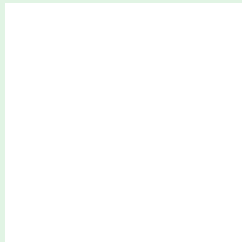
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3104, 0.3100, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 86.3104, 0.3100, 0.3457.

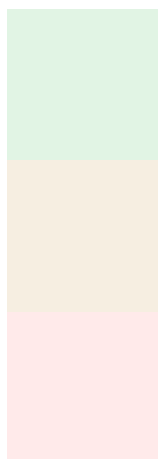


This preview shows how white text looks on a background with the Yxy color 86.3104, 0.3100, 0.3457.

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

86.3104, 0.3100, 0.3457

Protanopia

86.1781, 0.3262, 0.3421

Deuteranopia

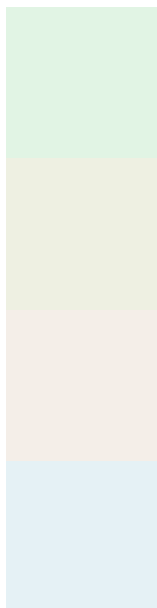
86.0462, 0.3270, 0.3290



Tritanopia

86.1088, 0.2987, 0.3129

Trichromacy



Original Color

86.3104, 0.3100, 0.3457

Protanomaly

85.9883, 0.3200, 0.3433

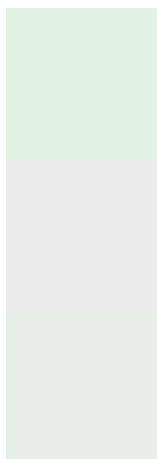
Deuteranomaly

86.2084, 0.3204, 0.3351

Tritanomaly

86.1612, 0.3026, 0.3249

Monochromacy



Original Color

86.3104, 0.3100, 0.3457

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.7720, 0.3118, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3104, 0.3100, 0.3457 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(225, 244, 228)` looks like.

```
.text, #text, p{  
    color:rgb(225, 244, 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(225, 244, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 244, 228) }
```

Border

The CSS property to change the border of an element to Yxy 86.3104, 0.3100, 0.3457 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(225, 244, 228) }
```

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

```
.border{ border-color:rgb(225, 244, 228) }
```

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

Here you see how a box with a 4 pixel rgb(225, 244, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 244, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 244, 228);  
box-shadow:4px 4px 4px 4px rgb(225, 244,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3104, 0.3100, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 244, 228) }
```

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

```
.background{ background-color: rgb(225,  
244, 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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