

Converting Colors

$Yxy(82.6539, 0.3086, 0.3452)$

Have a look what the booklet for
Yxy(82.6539, 0.3086, 0.3452)
contains.

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Color

Yxy(82.7621, 0.3087, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	DBF0E0
RGB	219, 240, 224
RGB Percent	86%, 94%, 88%
CMY	0.1409, 0.0589, 0.1216
CMYK	0.09, 0.00, 0.07, 0.06
HSL	134°, 41%, 90%
HSV	134°, 9%, 94%
XYZ	73.8401, 82.7621, 82.5947
YIQ	231.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

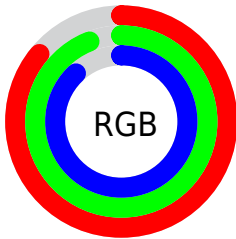
Format	Color
R _Y B	219, 236, 240
Decimal	14414048
CIE Lab	92.91, -9.80, 5.38
CIE LCh	93, 11.175, 151.248
Yxy	82.7621, 0.3087, 0.3460
Android (android.graphics.Color)	4292604128 (0xFFDBF0E0)
YUV	231.8970, -3.8932, -11.3107
Hunter-Lab	90.9737, -14.3219, 9.8524

Details

The Yxy color **82.7621, 0.3087, 0.3460** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.2207, 0.3170, 0.3126**, and the grayscale version is **80.6573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0381, 0.3076, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **78.3640, 0.3041, 0.3679**, and if you desaturate by 10%, it is **87.8114, 0.3133, 0.3267**.

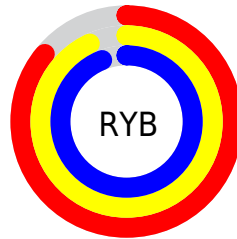
Distribution



Red (86%)

Green (94%)

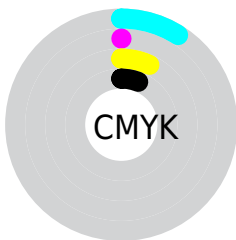
Blue (88%)



Red (86%)

Yellow (93%)

Blue (94%)

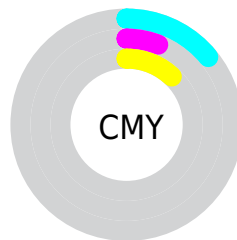


Cyan (9%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.7621, 0.3087, 0.3460 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 82.7621, 0.3087, 0.3460 by changing the saturation by 10% instead.

82.7621, 0.3087,
0.3460

82.7621, 0.3087,
0.3460

504.1933, 0.3106,
0.3382

61.9939, 0.3083,
0.3478

137.2422, 0.3094,
0.3433

45.0278, 0.3077,
0.3499

171.7229, 0.3096,
0.3423

31.4793, 0.3071,
0.3527

211.5433, 0.3098,
0.3414

20.9641, 0.3062,
0.3562

257.0877, 0.3100,
0.3406

13.0978, 0.3050,
0.3611

308.7405, 0.3102,
0.3399

7.4959, 0.3032,
0.3680

366.8861, 0.3103,

3.7741, 0.3004,

0.3393

0.3786

431.9089, 0.3105,
0.3387

■ 1.5480, 0.2954,
0.3974

■ 0.3222, 0.1723,
0.8277

■ 82.7621, 0.3087,
0.3460

■ 82.7621, 0.3087,
0.3460

■ 78.3640, 0.3041,
0.3679

■ 87.8114, 0.3133,
0.3267

■ 74.5802, 0.2996,
0.3923

■ 90.7948, 0.3134,
0.3146

■ 71.3862, 0.2956,
0.4190

■ 68.7517, 0.2921,
0.4475

■ 66.6438, 0.2897,
0.4768

■ 65.0258, 0.2884,
0.5056

■ 63.8565, 0.2886,
0.5324

■ 63.0873, 0.2903,
0.5556

■ 62.6488, 0.2930,
0.5740

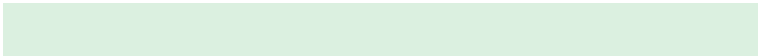
Harmonies

Analogous

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



82.7621, 0.3217, 0.3513



82.7621, 0.3087, 0.3460



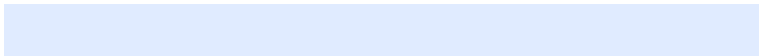
82.7621, 0.2970, 0.3359

Triad

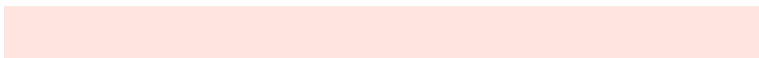
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.7621, 0.3087, 0.3460



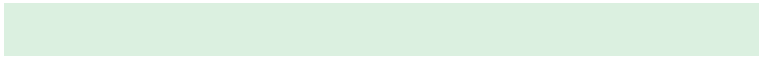
82.7621, 0.2932, 0.3080



82.7621, 0.3365, 0.3332

Complementary

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



82.7621, 0.3087, 0.3460



75.2207, 0.3170, 0.3126

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.



82.7621, 0.3285, 0.3221



82.7621, 0.3087, 0.3460



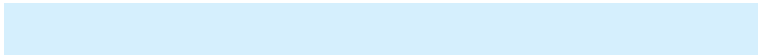
82.7621, 0.3034, 0.3077

Square

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



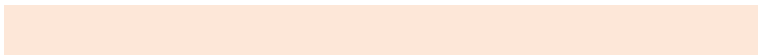
82.7621, 0.3087, 0.3460



82.7621, 0.2882, 0.3138



82.7621, 0.3164, 0.3129



82.7621, 0.3379, 0.3436

Rectangle

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



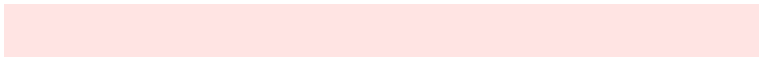
82.7621, 0.3087, 0.3460



82.7621, 0.2914, 0.3279



82.7621, 0.3164, 0.3129



82.7621, 0.3345, 0.3295

Sweetspot

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



82.7656, 0.3087, 0.3460



98.2068, 0.3113, 0.3347



85.1130, 0.3224, 0.3507



20.9202, 0.3110, 0.3362



0.0000, 0.0000, 0.0000



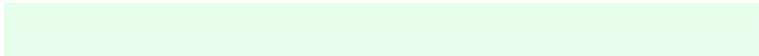
21.4041, 0.3127, 0.3290

Same Dimension

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



82.7656, 0.3087, 0.3460



94.2877, 0.3081, 0.3487



83.3485, 0.3025, 0.3348



17.7174, 0.3084, 0.3476



34.2911, 0.2926, 0.5735



2.8676, 0.2858, 0.5490

Inverse Universe

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



75.2207, 0.3170, 0.3126



84.4151, 0.3177, 0.3100



74.6356, 0.3240, 0.3232



15.9640, 0.3174, 0.3111



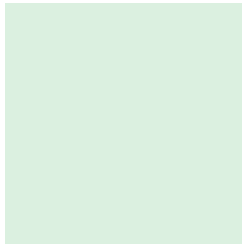
12.0456, 0.3911, 0.1928



1.0173, 0.3799, 0.1866

Previews

White Background



This preview shows how the Yxy color 82.7621, 0.3087, 0.3460 looks on a white background.

Color Contrast Check

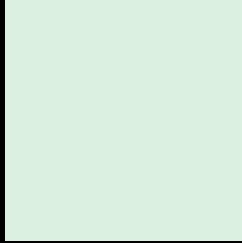
Large Text (above 18pt) WCAG AA × Fail

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 82.7621, 0.3087, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

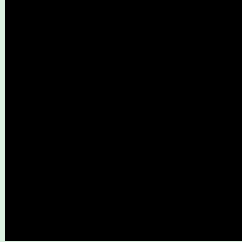
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

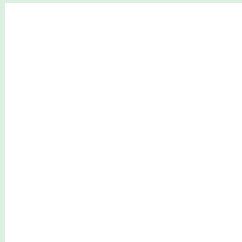
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.7621, 0.3087, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 82.7621, 0.3087, 0.3460.

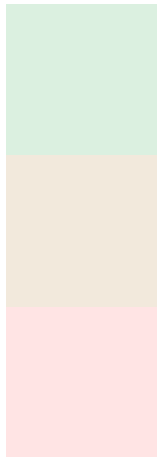


This preview shows how white text looks on a background with the Yxy color 82.7621, 0.3087, 0.3460.

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

82.7621, 0.3087, 0.3460

Protanopia

82.3224, 0.3272, 0.3424

Deuteranopia

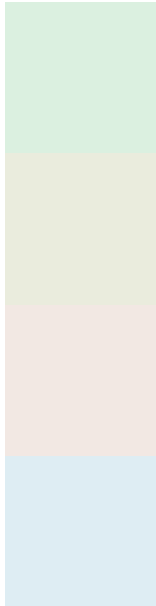
82.3482, 0.3316, 0.3291



Tritanopia

82.9940, 0.2942, 0.3105

Trichromacy



Original Color

82.7621, 0.3087, 0.3460

Protanomaly

82.7038, 0.3207, 0.3446

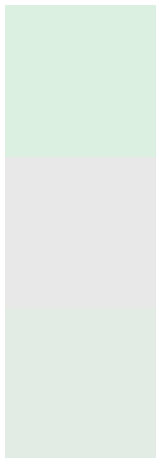
Deuteranomaly

82.1365, 0.3228, 0.3341

Tritanomaly

82.5690, 0.2993, 0.3227

Monochromacy



Original Color

82.7621, 0.3087, 0.3460

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.4047, 0.3111, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.7621, 0.3087, 0.3460 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(219, 240, 224)` looks like.

```
.text, #text, p{  
    color:rgb(219, 240, 224)  
}
```

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(219, 240, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 240, 224) }
```

Border

The CSS property to change the border of an element to Yxy 82.7621, 0.3087, 0.3460 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(219, 240, 224) }
```

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

```
.border{ border-color:rgb(219, 240, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 240, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 240, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 240, 224);  
box-shadow:4px 4px 4px 4px rgb(219, 240,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 82.7621, 0.3087, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 240, 224) }
```

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

```
.background{ background-color: rgb(219,  
240, 224) }
```

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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