

Converting Colors

$Yxy(79.0097, 0.3145, 0.3558)$

Have a look what the booklet for
Yxy(79.0097, 0.3145, 0.3558)
contains.

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Color

Yxy(79.2930, 0.3148, 0.3562)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D8ECD3 |
| RGB | 216, 236, 211 |
| RGB Percent | 85%, 93%, 83% |
| CMY | 0.1528, 0.0745, 0.1726 |
| CMYK | 0.08, 0.00, 0.11, 0.07 |
| HSL | 108°, 40%, 88% |
| HSV | 108°, 11%, 93% |
| XYZ | 70.0770, 79.2930, 73.2381 |
| YIQ | 227.1700, -3.8950, -12.0150 |

Conversions

Conversions Part 2

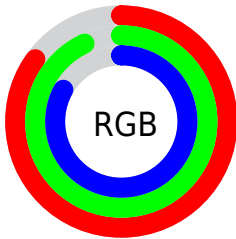
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 211, 236, 231 |
| Decimal | 14216403 |
| CIE Lab | 91.37, -11.09, 9.88 |
| CIE LCh | 91, 14.851, 138.300 |
| Yxy | 79.2930, 0.3148, 0.3562 |
| Android (android.graphics.Color) | 4292406483 (0xFFD8ECD3) |
| YUV | 227.1700, -7.9718, -9.7961 |
| Hunter-Lab | 89.0466, -15.3574, 13.5685 |

Details

The Yxy color **79.2930, 0.3148, 0.3562** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.6291, 0.3103, 0.3027**, and the grayscale version is **77.0118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6199, 0.3154, 0.3631** is the 20% darker color. If you saturate the color by 10%, you get **75.4886, 0.3166, 0.3849**, and if you desaturate by 10%, it is **83.6076, 0.3128, 0.3304**.

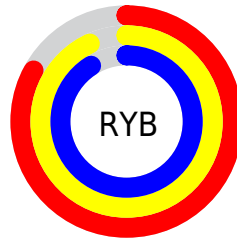
Distribution



Red (85%)

Green (93%)

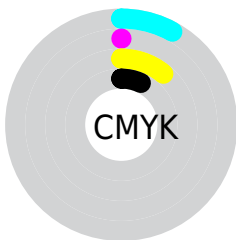
Blue (83%)



Red (83%)

Yellow (93%)

Blue (91%)

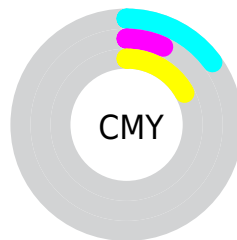


Cyan (8%)

Magenta (0%)

Yellow (11%)

Black (7%)



Cyan (15%)


Magenta (7%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2930, 0.3148, 0.3562 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 79.2930, 0.3148, 0.3562 by changing the saturation by 10% instead.

 79.2930, 0.3148,
0.3562

 79.2930, 0.3148,
0.3562


492.5470, 0.3140,
0.3436

 59.1367, 0.3150,
0.3591

132.3713, 0.3145,
0.3518

 42.7232, 0.3151,
0.3627


166.0621, 0.3144,
0.3501

 29.6680, 0.3154,
0.3672


205.0332, 0.3143,
0.3486

 19.5867, 0.3156,
0.3732

249.6690, 0.3142,
0.3474

 12.0950, 0.3158,
0.3813

300.3538, 0.3142,
0.3462

 6.8084, 0.3161,
0.3932

357.4722, 0.3141,

 3.3426, 0.3160,

0.3453

0.4118

421.4085, 0.3140,
0.3444

■ 1.3131, 0.3178,
0.4496

■ 0.1513, 0.0000,
1.0000

■ 79.2930, 0.3148,
0.3562

■ 79.2930, 0.3148,
0.3562

■ 75.4886, 0.3166,
0.3849

■ 83.6076, 0.3128,
0.3304

■ 72.1656, 0.3180,
0.4164

■ 88.2320, 0.3127,
0.3107

■ 69.3075, 0.3188,
0.4497

■ 88.4707, 0.3136,
0.3107

■ 66.8932, 0.3189,
0.4837

■ 64.8997, 0.3181,
0.5166

■ 63.3021, 0.3162,
0.5460

■ 62.0725, 0.3134,
0.5697

■ 61.1791, 0.3097,
0.5861

■ 60.6054, 0.3062,
0.5951

Harmonies

Analogous

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



79.2930, 0.3316, 0.3596



79.2930, 0.3148, 0.3562



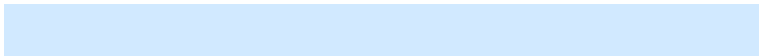
79.2930, 0.2978, 0.3448

Triad

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



79.2930, 0.3148, 0.3562



79.2930, 0.2826, 0.3032



79.2930, 0.3411, 0.3280

Complementary

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



79.2930, 0.3148, 0.3562



69.6291, 0.3103, 0.3027

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.



79.2930, 0.3274, 0.3139



79.2930, 0.3148, 0.3562



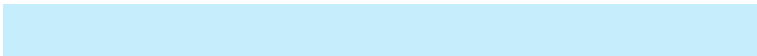
79.2930, 0.2936, 0.2997

Square

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



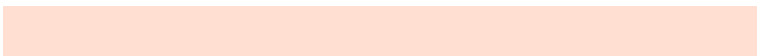
79.2930, 0.3148, 0.3562



79.2930, 0.2795, 0.3137



79.2930, 0.3099, 0.3037



79.2930, 0.3471, 0.3428

Rectangle

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



79.2930, 0.3148, 0.3562



79.2930, 0.2886, 0.3345



79.2930, 0.3099, 0.3037



79.2930, 0.3373, 0.3231

Sweetspot

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



79.2964, 0.3148, 0.3562



98.3761, 0.3133, 0.3364



79.4545, 0.3291, 0.3496



20.9657, 0.3135, 0.3384



0.0000, 0.0000, 0.0000



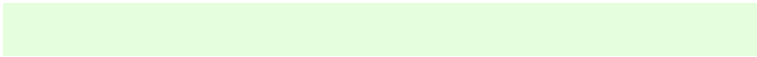
21.4041, 0.3127, 0.3290

Same Dimension

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



79.2964, 0.3148, 0.3562



93.3639, 0.3153, 0.3630



78.9057, 0.3071, 0.3485



17.0079, 0.3146, 0.3531



33.4502, 0.3070, 0.5944



2.6662, 0.3158, 0.5875

Inverse Universe

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



69.6291, 0.3103, 0.3027



79.4010, 0.3096, 0.2964



70.0735, 0.3188, 0.3102



15.1520, 0.3106, 0.3056



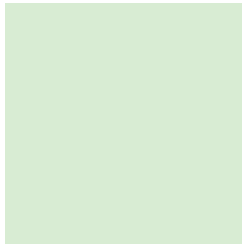
9.3272, 0.2706, 0.1264



0.7711, 0.2779, 0.1305

Previews

White Background



This preview shows how the Yxy color 79.2930, 0.3148, 0.3562 looks on a white background.

Color Contrast Check

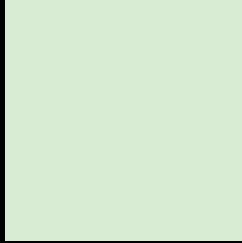
Large Text (above 18pt) WCAG AA × Fail

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 79.2930, 0.3148, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

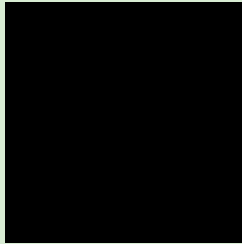
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

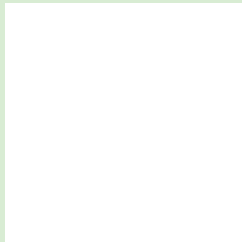
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2930, 0.3148, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 79.2930, 0.3148, 0.3562.

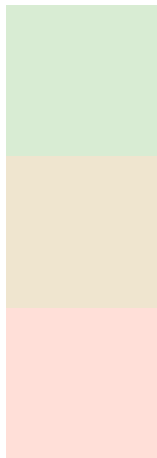


This preview shows how white text looks on a background with the Yxy color 79.2930, 0.3148, 0.3562.

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

79.2930, 0.3148, 0.3562

Protanopia

78.8943, 0.3342, 0.3521

Deuteranopia

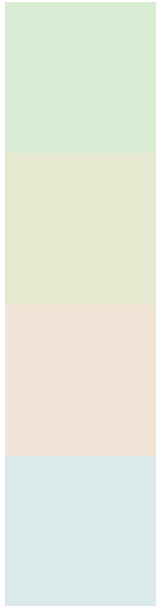
78.9932, 0.3405, 0.3361



Tritanopia

79.5210, 0.2957, 0.3103

Trichromacy



Original Color

79.2930, 0.3148, 0.3562

Protanomaly

79.2562, 0.3274, 0.3545

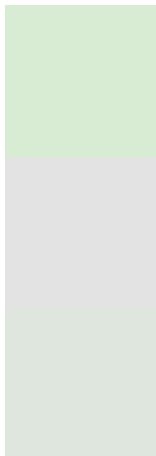
Deuteranomaly

79.0426, 0.3310, 0.3436

Tritanomaly

79.4916, 0.3028, 0.3269

Monochromacy



Original Color

79.2930, 0.3148, 0.3562

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.5021, 0.3136, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2930, 0.3148, 0.3562 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(216, 236, 211)` looks like.

```
.text, #text, p{  
    color:rgb(216, 236, 211)  
}
```

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(216, 236, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 236, 211) }
```

Border

The CSS property to change the border of an element to Yxy 79.2930, 0.3148, 0.3562 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(216, 236, 211) }
```

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

```
.border{ border-color:rgb(216, 236, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 236, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 236, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 236, 211);  
box-shadow:4px 4px 4px 4px rgb(216, 236,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2930, 0.3148, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 236, 211) }
```

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

```
.background{ background-color: rgb(216,  
236, 211) }
```

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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