

Converting Colors

$Yxy(91.6305, 0.3164, 0.3744)$

Have a look what the booklet for
Yxy(91.6305, 0.3164, 0.3744)
contains.

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Color

Yxy(91.6456, 0.3162, 0.3741)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DDFFD4 |
| RGB | 221, 255, 212 |
| RGB Percent | 87%, 100%, 83% |
| CMY | 0.1333, 0.0000, 0.1688 |
| CMYK | 0.13, 0.00, 0.17, 0.00 |
| HSL | 107°, 100%, 92% |
| HSV | 107°, 17%, 100% |
| XYZ | 77.4615, 91.6456, 75.8691 |
| YIQ | 239.9320, -6.4610, -20.5810 |

Conversions

Conversions Part 2

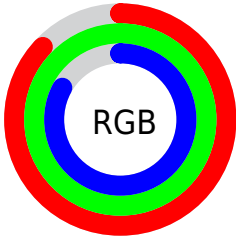
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 212, 255, 246 |
| Decimal | 14548948 |
| CIE Lab | 96.68, -18.63, 16.96 |
| CIE LCh | 97, 25.193, 137.691 |
| Yxy | 91.6456, 0.3162, 0.3741 |
| Android (android.graphics.Color) | 4292739028 (0xFFDDFFD4) |
| YUV | 239.9320, -13.7705, -16.6034 |
| Hunter-Lab | 95.7317, -23.0969, 20.0238 |

Details

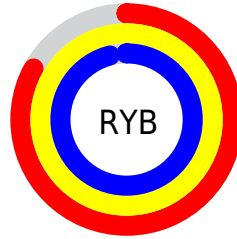
The Yxy color **91.6456, 0.3162, 0.3741** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.8730, 0.3083, 0.2862**, and the grayscale version is **87.1945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9295, 0.3171, 0.3845** is the 20% darker color. If you saturate the color by 10%, you get **87.4853, 0.3179, 0.4047**, and if you desaturate by 10%, it is **96.3891, 0.3142, 0.3463**.

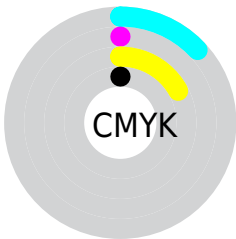
Distribution



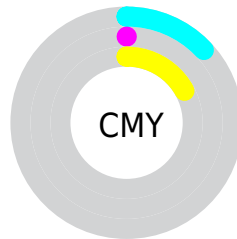
- Red (87%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)




- Cyan (13%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.6456, 0.3162, 0.3741 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 91.6456, 0.3162, 0.3741 by changing the saturation by 10% instead.

 91.6456, 0.3162,
0.3741

 91.6456, 0.3162,
0.3741

533.3695, 0.3150,
0.3535

 69.3463, 0.3164,
0.3787


149.6221, 0.3158,
0.3670

 50.9938, 0.3166,
0.3844

186.0681, 0.3157,
0.3642

 36.2037, 0.3168,
0.3916


227.9985, 0.3155,
0.3618

 24.5915, 0.3170,
0.4009

275.7976, 0.3154,
0.3597

 15.7730, 0.3170,
0.4133

329.8499, 0.3153,
0.3579

 9.3637, 0.3168,
0.4309

390.5397, 0.3152,

 4.9791, 0.3156,

0.3563

0.4574

458.2514, 0.3150,
0.3548

■ 2.2350, 0.3121,
0.5026

■ 0.7390, 0.2509,
0.7491

■ 91.6456, 0.3162,
0.3741

■ 91.6456, 0.3162,
0.3741

■ 87.4853, 0.3179,
0.4047

■ 96.3891, 0.3142,
0.3463

■ 83.8841, 0.3191,
0.4375

100.0000, 0.3127,
0.3290

■ 80.8180, 0.3196,
0.4715

■ 78.2607, 0.3192,
0.5050

■ 76.1837, 0.3177,
0.5359

■ 74.5554, 0.3152,
0.5618

■ 73.3400, 0.3117,
0.5809

■ 72.4953, 0.3077,
0.5923

■ 72.2938, 0.3066,
0.5948

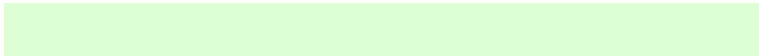
Harmonies

Analogous

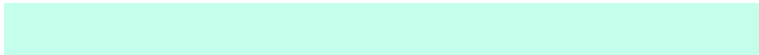
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6456, 0.3434, 0.3789



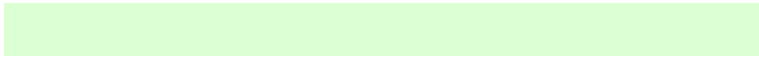
91.6456, 0.3162, 0.3741



91.6456, 0.2890, 0.3553

Triad

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



91.6456, 0.3162, 0.3741



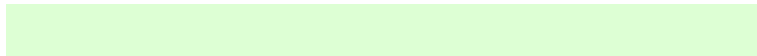
91.6456, 0.2644, 0.2876



91.6456, 0.3586, 0.3264

Complementary

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



91.6456, 0.3162, 0.3741



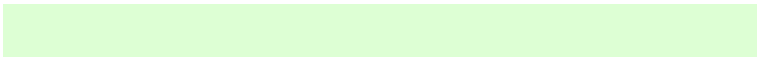
73.8730, 0.3083, 0.2862

Split Complementary

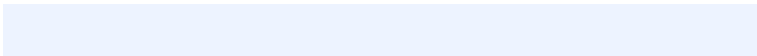
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6456, 0.3357, 0.3045



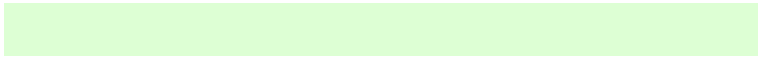
91.6456, 0.3162, 0.3741



91.6456, 0.2814, 0.2824

Square

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



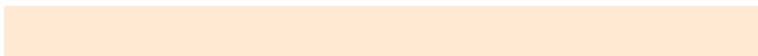
91.6456, 0.3162, 0.3741



91.6456, 0.2599, 0.3042



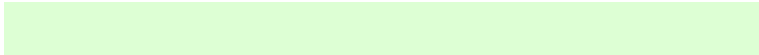
91.6456, 0.3072, 0.2887



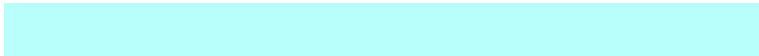
91.6456, 0.3686, 0.3499

Rectangle

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



91.6456, 0.3162, 0.3741



91.6456, 0.2743, 0.3381



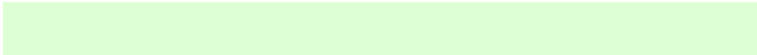
91.6456, 0.3072, 0.2887



91.6456, 0.3521, 0.3187

Sweetspot

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



91.6460, 0.3162, 0.3741



97.3459, 0.3138, 0.3415



91.7260, 0.3396, 0.3624



20.7588, 0.3139, 0.3433



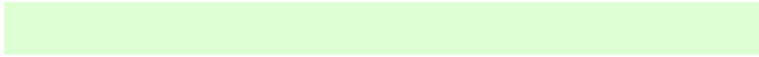
0.0000, 0.0000, 0.0000



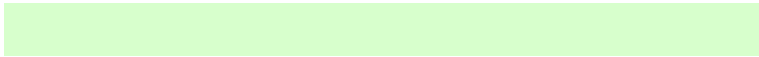
21.4041, 0.3127, 0.3290

Same Dimension

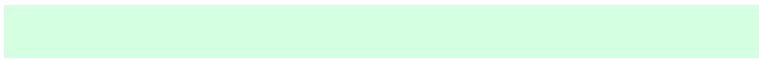
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6460, 0.3162, 0.3741



90.2850, 0.3168, 0.3834



90.9021, 0.3038, 0.3615



20.3521, 0.3147, 0.3533



37.8262, 0.3074, 0.5941



3.7273, 0.3144, 0.5885

Inverse Universe

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



73.8730, 0.3083, 0.2862



69.6882, 0.3073, 0.2779



74.7885, 0.3230, 0.2985



18.0963, 0.3104, 0.3053



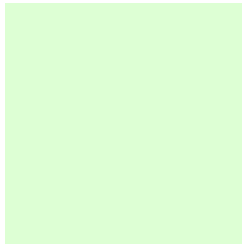
10.3552, 0.2681, 0.1250



1.0542, 0.2744, 0.1285

Previews

White Background



This preview shows how the Yxy color 91.6456, 0.3162, 0.3741 looks on a white background.

Color Contrast Check

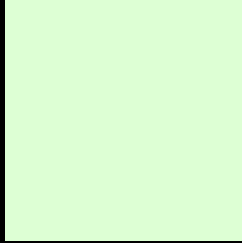
Large Text (above 18pt) WCAG AA × Fail

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 91.6456, 0.3162, 0.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

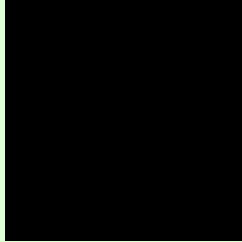
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

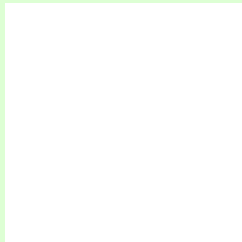
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6456, 0.3162, 0.3741

Background



This preview shows how black text looks on a background with the Yxy color 91.6456, 0.3162, 0.3741.

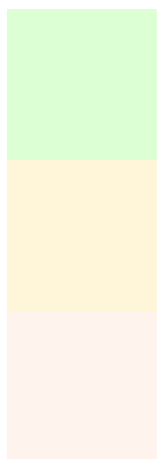


This preview shows how white text looks on a background with the Yxy color 91.6456, 0.3162, 0.3741.

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

91.6456, 0.3162, 0.3741

Protanopia

91.5746, 0.3366, 0.3567

Deuteranopia

91.4756, 0.3243, 0.3349



Tritanopia

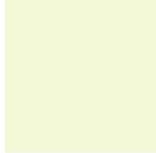
91.3087, 0.3024, 0.3201

Trichromacy



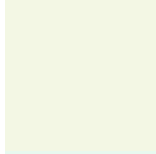
Original Color

91.6456, 0.3162, 0.3741



Protanomaly

91.7123, 0.3292, 0.3633



Deuteranomaly

91.1777, 0.3215, 0.3481



Tritanomaly

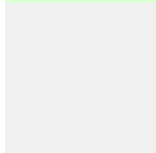
91.1392, 0.3078, 0.3391

Monochromacy



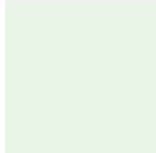
Original Color

91.6456, 0.3162, 0.3741



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.3416, 0.3139, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6456, 0.3162, 0.3741 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(221, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 212)  
}
```

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(221, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 212) }
```

Border

The CSS property to change the border of an element to Yxy 91.6456, 0.3162, 0.3741 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(221, 255, 212) }
```

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

```
.border{ border-color:rgb(221, 255, 212) }
```

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

Here you see how a box with a 4 pixel rgb(221, 255, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6456, 0.3162, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 212) }
```

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

```
.background{ background-color: rgb(221,  
255, 212) }
```

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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