

Converting Colors

$Yxy(76.1298, 0.3168, 0.3528)$

Have a look what the booklet for
Yxy(76.1298, 0.3168, 0.3528)
contains.

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Color

Yxy(76.3542, 0.3164, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	D8E7D1
RGB	216, 231, 209
RGB Percent	85%, 91%, 82%
CMY	0.1527, 0.0942, 0.1803
CMYK	0.06, 0.00, 0.10, 0.09
HSL	101°, 31%, 86%
HSV	101°, 10%, 91%
XYZ	68.4182, 76.3542, 71.4672
YIQ	224.0070, -1.8780, -10.0220

Conversions

Conversions Part 2

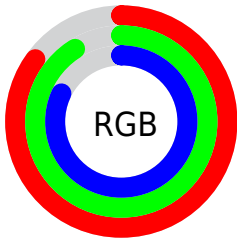
Format	Color
RYB	209, 231, 224
Decimal	14215121
CIELab	90.02, -8.89, 8.99
CIElCh	90, 12.643, 134.693
Yxy	76.3542, 0.3164, 0.3531
Android (android.graphics.Color)	4292405201 (0xFFD8E7D1)
YUV	224.0070, -7.3985, -7.0221
Hunter-Lab	87.3809, -13.1532, 12.6744

Details

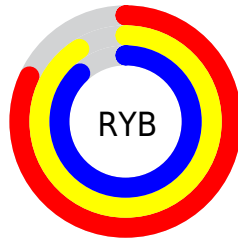
The Yxy color **76.3542, 0.3164, 0.3531** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2206, 0.3087, 0.3053**, and the grayscale version is **74.6103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6036, 0.3167, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **73.0159, 0.3201, 0.3810**, and if you desaturate by 10%, it is **80.0935, 0.3125, 0.3278**.

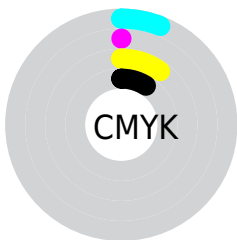
Distribution



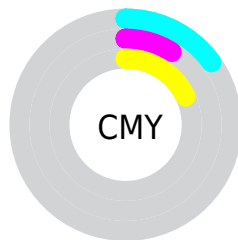
- Red (85%)
- Green (91%)
- Blue (82%)



- Red (82%)
- Yellow (91%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)




- Cyan (15%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3542, 0.3164, 0.3531 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 76.3542, 0.3164, 0.3531 by changing the saturation by 10% instead.

 76.3542, 0.3164,
0.3531

 76.3542, 0.3164,
0.3531


482.5593, 0.3148,
0.3419

 56.7230, 0.3167,
0.3557

128.2275, 0.3159,
0.3492

 40.7829, 0.3172,
0.3589


161.2383, 0.3156,
0.3477

 28.1495, 0.3177,
0.3630


199.4778, 0.3155,
0.3464

 18.4384, 0.3183,
0.3683

243.3304, 0.3153,
0.3452

 11.2652, 0.3191,
0.3757

293.1805, 0.3151,
0.3442

 6.2455, 0.3201,
0.3865

349.4124, 0.3150,

 2.9949, 0.3214,

0.3434

0.4036

412.4105, 0.3149,
0.3426

■ 1.1291, 0.3289,
0.4434

■ 0.0026, 0.0000,
1.0000

■ 76.3542, 0.3164,
0.3531

■ 76.3542, 0.3164,
0.3531

■ 73.0159, 0.3201,
0.3810

■ 80.0935, 0.3125,
0.3278

■ 70.0551, 0.3234,
0.4113

■ 84.2225, 0.3088,
0.3054

■ 67.4610, 0.3261,
0.4432

■ 85.6250, 0.3138,
0.3058

■ 65.2183, 0.3278,
0.4757

■ 63.3107, 0.3283,
0.5072

■ 61.7201, 0.3272,
0.5357

■ 60.4270, 0.3245,
0.5594

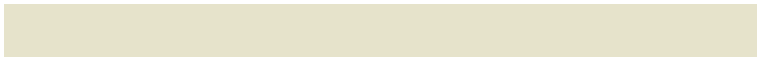
■ 59.4089, 0.3204,
0.5767

■ 58.6338, 0.3153,
0.5876

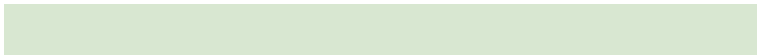
Harmonies

Analogous

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



76.3542, 0.3306, 0.3552



76.3542, 0.3164, 0.3531



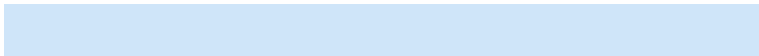
76.3542, 0.3015, 0.3440

Triad

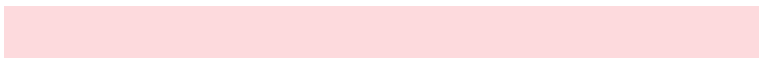
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3542, 0.3164, 0.3531



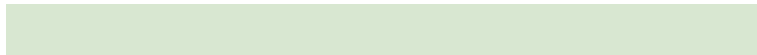
76.3542, 0.2860, 0.3076



76.3542, 0.3361, 0.3267

Complementary

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



76.3542, 0.3164, 0.3531



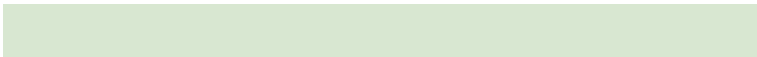
67.2206, 0.3087, 0.3053

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.



76.3542, 0.3236, 0.3146



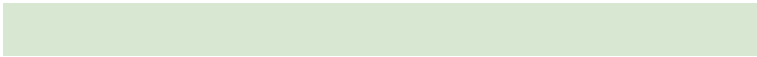
76.3542, 0.3164, 0.3531



76.3542, 0.2948, 0.3037

Square

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



76.3542, 0.3164, 0.3531



76.3542, 0.2842, 0.3174



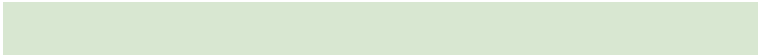
76.3542, 0.3085, 0.3063



76.3542, 0.3421, 0.3395

Rectangle

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



76.3542, 0.3164, 0.3531



76.3542, 0.2931, 0.3354



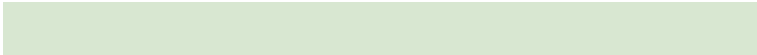
76.3542, 0.3085, 0.3063



76.3542, 0.3325, 0.3224

Sweetspot

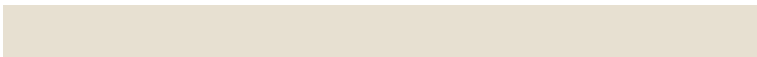
The Sweet Spot groups the original color and five complimentary colors.



76.3575, 0.3164, 0.3531



98.5442, 0.3139, 0.3364



74.7235, 0.3277, 0.3447



21.0109, 0.3142, 0.3384



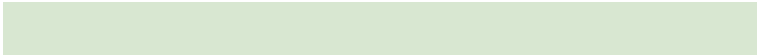
0.0000, 0.0000, 0.0000



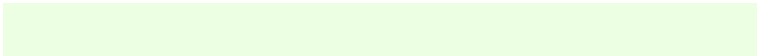
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3575, 0.3164, 0.3531



94.8851, 0.3170, 0.3573



75.4917, 0.3093, 0.3493



16.3121, 0.3164, 0.3530



32.9153, 0.3161, 0.5872



2.4808, 0.3272, 0.5784

Inverse Universe

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



67.2206, 0.3087, 0.3053



81.7263, 0.3079, 0.3013



68.1632, 0.3163, 0.3095



14.3717, 0.3087, 0.3055



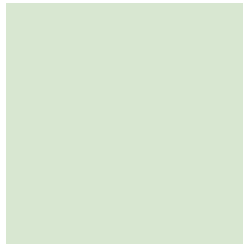
7.3226, 0.2416, 0.1105



0.5905, 0.2534, 0.1170

Previews

White Background



This preview shows how the Yxy color 76.3542, 0.3164, 0.3531 looks on a white background.

Color Contrast Check

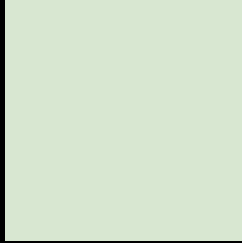
Large Text (above 18pt) WCAG AA × Fail

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 76.3542, 0.3164, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

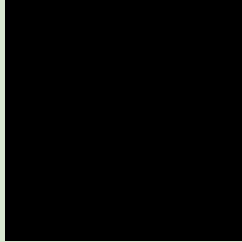
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

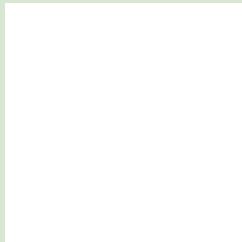
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3542, 0.3164, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 76.3542, 0.3164, 0.3531.

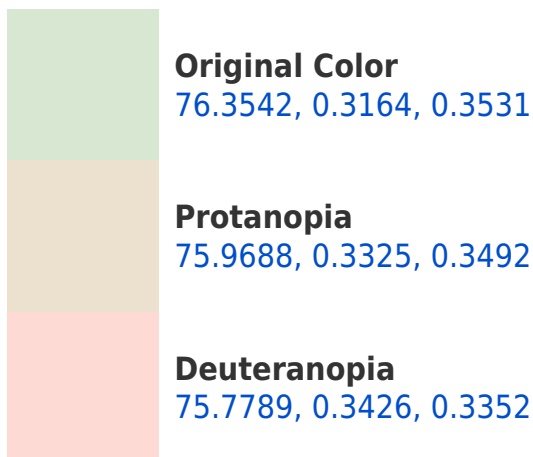


This preview shows how white text looks on a background with the Yxy color 76.3542, 0.3164, 0.3531.

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

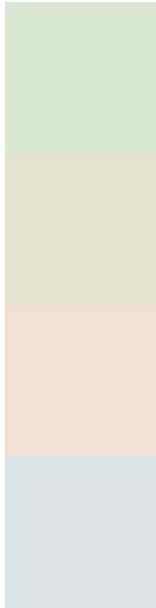




Tritanopia

76.2965, 0.2980, 0.3100

Trichromacy



Original Color

76.3542, 0.3164, 0.3531

Protanomaly

75.9371, 0.3265, 0.3505

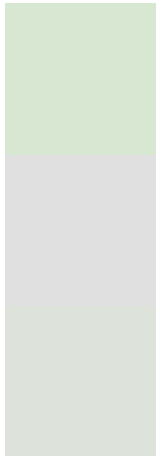
Deuteranomaly

76.0038, 0.3330, 0.3416

Tritanomaly

76.3164, 0.3047, 0.3258

Monochromacy



Original Color

76.3542, 0.3164, 0.3531

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.4248, 0.3137, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3542, 0.3164, 0.3531 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, 231, 209)` looks like.

```
.text, #text, p{  
    color:rgb(216, 231, 209)  
}
```

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, 231, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 231, 209) }
```

Border

The CSS property to change the border of an element to Yxy 76.3542, 0.3164, 0.3531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

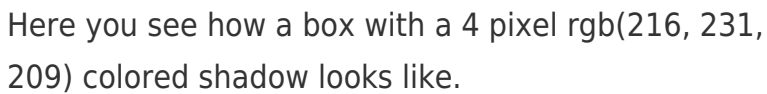
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 231, 209) }
```

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

```
.border{ border-color:rgb(216, 231, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 231, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 231, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 231, 209); box-shadow:4px 4px 4px 4px rgb(216, 231, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3542, 0.3164, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 231, 209) }
```

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

```
.background{ background-color: rgb(216,  
231, 209) }
```

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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