

Converting Colors

$Yxy(76.3034, 0.3142, 0.3467)$

Have a look what the booklet for
Yxy(76.3034, 0.3142, 0.3467)
contains.

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Color

Yxy(76.2004, 0.3140, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	D9E6D6
RGB	217, 230, 214
RGB Percent	85%, 90%, 84%
CMY	0.1489, 0.0980, 0.1609
CMYK	0.06, 0.00, 0.07, 0.10
HSL	109°, 24%, 87%
HSV	109°, 7%, 90%
XYZ	69.0532, 76.2004, 74.6610
YIQ	224.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

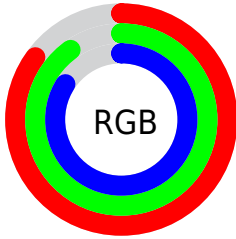
Format	Color
RYB	214, 230, 227
Decimal	14280406
CIELab	89.95, -7.20, 6.31
CIElCh	90, 9.578, 138.765
Yxy	76.2004, 0.3140, 0.3465
Android (android.graphics.Color)	4292470486 (0xFFD9E6D6)
YUV	224.2890, -5.0725, -6.3925
Hunter-Lab	87.2928, -11.5597, 10.3946

Details

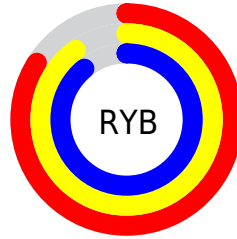
The Yxy color **76.2004, 0.3140, 0.3465** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1066, 0.3113, 0.3119**, and the grayscale version is **74.8009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8445, 0.3143, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **72.4192, 0.3157, 0.3742**, and if you desaturate by 10%, it is **80.4751, 0.3121, 0.3219**.

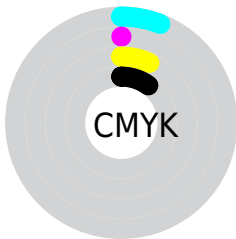
Distribution



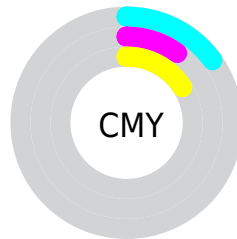
- Red (85%)
- Green (90%)
- Blue (84%)



- Red (84%)
- Yellow (90%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2004, 0.3140, 0.3465 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 76.2004, 0.3140, 0.3465 by changing the saturation by 10% instead.

■ 76.2004, 0.3140,
0.3465

■ 76.2004, 0.3140,
0.3465

482.0334, 0.3135,
0.3384

■ 56.5968, 0.3141,
0.3484

128.0101, 0.3138,
0.3437

■ 40.6817, 0.3142,
0.3507

160.9851, 0.3137,
0.3426

■ 28.0704, 0.3144,
0.3536

199.1860, 0.3137,
0.3416

■ 18.3787, 0.3146,
0.3575

242.9973, 0.3136,
0.3408

■ 11.2223, 0.3148,
0.3628

292.8033, 0.3136,
0.3401

■ 6.2165, 0.3151,
0.3705

348.9883, 0.3135,

■ 2.9772, 0.3154,

0.3395

0.3827

411.9369, 0.3135,
0.3389

■ 1.1198, 0.3170,
0.4072

■ 0.0000, 0.0000,
0.0000

■ 76.2004, 0.3140,
0.3465

■ 76.2004, 0.3140,
0.3465

■ 72.4192, 0.3157,
0.3742

■ 80.4751, 0.3121,
0.3219

■ 69.1042, 0.3171,
0.4047

■ 84.9263, 0.3133,
0.3048

■ 66.2401, 0.3180,
0.4375

■ 85.0734, 0.3138,
0.3048

■ 63.8070, 0.3183,
0.4715

■ 61.7836, 0.3178,
0.5051

■ 60.1467, 0.3162,
0.5361

■ 58.8705, 0.3138,
0.5622

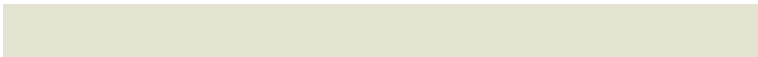
■ 57.9262, 0.3105,
0.5814

■ 57.2790, 0.3068,
0.5929

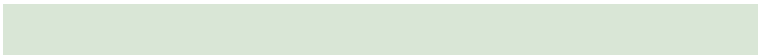
Harmonies

Analogous

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



76.2004, 0.3250, 0.3489



76.2004, 0.3140, 0.3465



76.2004, 0.3028, 0.3391

Triad

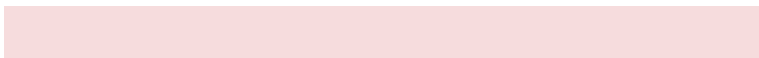
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2004, 0.3140, 0.3465



76.2004, 0.2930, 0.3121



76.2004, 0.3313, 0.3286

Complementary

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



76.2004, 0.3140, 0.3465



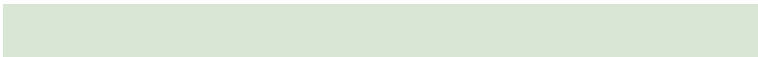
70.1066, 0.3113, 0.3119

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.



76.2004, 0.3225, 0.3192



76.2004, 0.3140, 0.3465



76.2004, 0.3004, 0.3097

Square

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



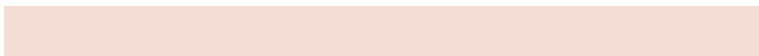
76.2004, 0.3140, 0.3465



76.2004, 0.2908, 0.3190



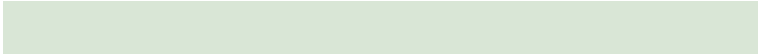
76.2004, 0.3111, 0.3123



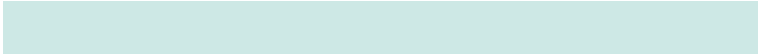
76.2004, 0.3351, 0.3384

Rectangle

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



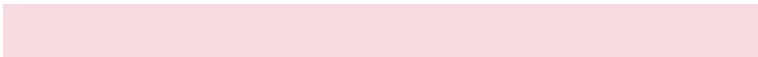
76.2004, 0.3140, 0.3465



76.2004, 0.2968, 0.3325



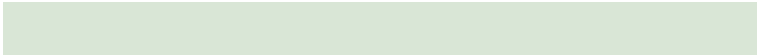
76.2004, 0.3111, 0.3123



76.2004, 0.3289, 0.3253

Sweetspot

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



76.2037, 0.3140, 0.3465



98.9023, 0.3131, 0.3339



76.5007, 0.3233, 0.3427



21.1807, 0.3131, 0.3337



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

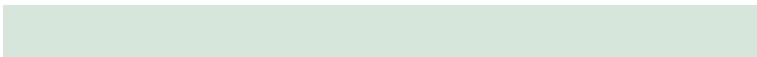
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2037, 0.3140, 0.3465



95.7603, 0.3142, 0.3493



75.9866, 0.3089, 0.3413



16.2213, 0.3144, 0.3531



32.3836, 0.3065, 0.5948



2.4307, 0.3157, 0.5875

Inverse Universe

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



70.1066, 0.3113, 0.3119



86.9342, 0.3111, 0.3092



70.3438, 0.3168, 0.3170



14.4684, 0.3107, 0.3056



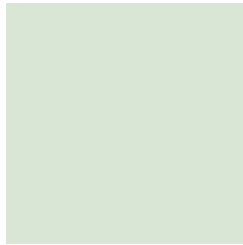
9.1912, 0.2730, 0.1277



0.7152, 0.2803, 0.1318

Previews

White Background



This preview shows how the Yxy color 76.2004, 0.3140, 0.3465 looks on a white background.

Color Contrast Check

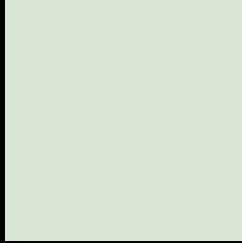
Large Text (above 18pt) WCAG AA × Fail

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 76.2004, 0.3140, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

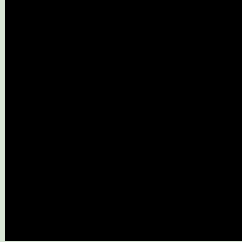
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

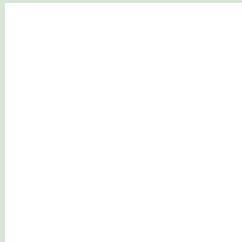
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2004, 0.3140, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 76.2004, 0.3140, 0.3465.

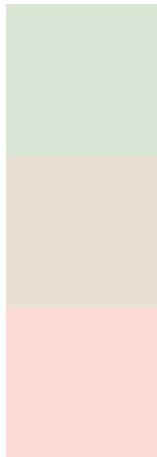


This preview shows how white text looks on a background with the Yxy color 76.2004, 0.3140, 0.3465.

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

76.2004, 0.3140, 0.3465

Protanopia

75.8772, 0.3276, 0.3439

Deuteranopia

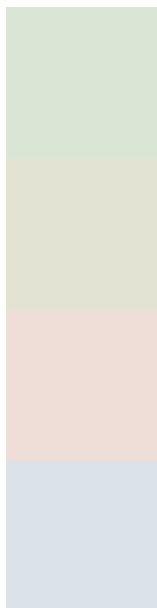
75.6099, 0.3383, 0.3311



Tritanopia

76.3934, 0.2993, 0.3111

Trichromacy



Original Color

76.2004, 0.3140, 0.3465

Protanomaly

76.0225, 0.3225, 0.3451

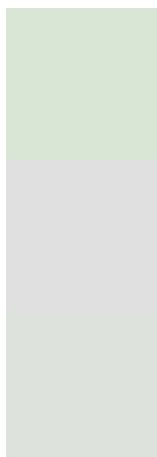
Deuteranomaly

75.4996, 0.3296, 0.3364

Tritanomaly

75.9800, 0.3048, 0.3236

Monochromacy



Original Color

76.2004, 0.3140, 0.3465

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.9322, 0.3131, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2004, 0.3140, 0.3465 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(217, 230, 214)` looks like.

```
.text, #text, p{  
    color:rgb(217, 230, 214)  
}
```

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(217, 230, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 230, 214) }
```

Border

The CSS property to change the border of an element to Yxy 76.2004, 0.3140, 0.3465 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(217, 230, 214) }
```

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

```
.border{ border-color:rgb(217, 230, 214) }
```

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

Here you see how a box with a 4 pixel rgb(217, 230, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 230, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 230, 214);  
box-shadow:4px 4px 4px 4px rgb(217, 230,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2004, 0.3140, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 230, 214) }
```

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

```
.background{ background-color: rgb(217,  
230, 214) }
```

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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