

Converting Colors

$Yxy(76.2925, 0.2935, 0.3489)$

Have a look what the booklet for
Yxy(76.2925, 0.2935, 0.3489)
contains.

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Color

Yxy(76.0525, 0.2931, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	BEECDB
RGB	190, 236, 219
RGB Percent	75%, 93%, 86%
CMY	0.2549, 0.0745, 0.1410
CMYK	0.19, 0.00, 0.07, 0.07
HSL	158°, 55%, 84%
HSV	158°, 19%, 93%
XYZ	64.0178, 76.0525, 78.3459
YIQ	220.3080, -21.9590, -15.0390

Conversions

Conversions Part 2

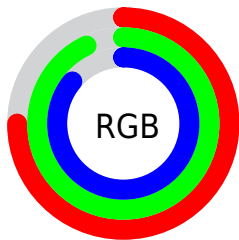
Format	Color
RYB	190, 218, 236
Decimal	12512475
CIELab	89.88, -18.11, 3.34
CIElCh	90, 18.415, 169.550
Yxy	76.0525, 0.2931, 0.3482
Android (android.graphics.Color)	4290702555 (0xFFBEECDB)
YUV	220.3080, -0.6448, -26.5801
Hunter-Lab	87.2081, -21.5807, 7.7808

Details

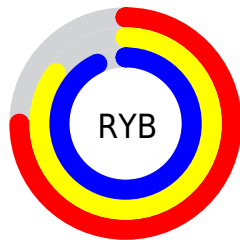
The Yxy color **76.0525, 0.2931, 0.3482** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.1586, 0.3374, 0.3106**, and the grayscale version is **71.8142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **40.5571, 0.2886, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **72.8123, 0.2838, 0.3596**, and if you desaturate by 10%, it is **79.8150, 0.3030, 0.3379**.

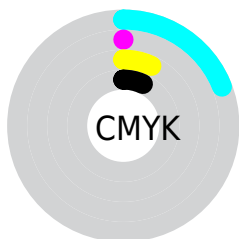
Distribution



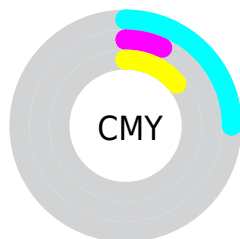
- Red (75%)
- Green (93%)
- Blue (86%)



- Red (75%)
- Yellow (85%)
- Blue (93%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (7%)





- Cyan (25%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0525, 0.2931, 0.3482 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 76.0525, 0.2931, 0.3482 by changing the saturation by 10% instead.


 76.0525, 0.2931,
0.3482

 76.0525, 0.2931,
0.3482


481.5274, 0.3022,
0.3393

 56.4756, 0.2910,
0.3503


 127.8011, 0.2962,
0.3451

 40.5843, 0.2885,
0.3528


160.7416, 0.2975,
0.3439

 27.9944, 0.2852,
0.3560


198.9053, 0.2985,
0.3429

 18.3215, 0.2810,
0.3603

242.6768, 0.2994,
0.3419

 11.1810, 0.2753,
0.3661

292.4403, 0.3002,
0.3412

 6.1887, 0.2670,
0.3746

348.5803, 0.3010,

 2.9602, 0.2539,

0.3405

411.4812, 0.3016,
0.3398

0.3882

■ 1.1110, 0.2242,
0.4166

■ 0.0000, 0.0000,
0.0000

■ 76.0525, 0.2931,
0.3482

■ 76.0525, 0.2931,
0.3482

■ 72.8123, 0.2838,
0.3596

■ 79.8150, 0.3030,
0.3379

■ 70.0610, 0.2755,
0.3719


■ 84.1127, 0.3132,
0.3286

■ 67.7757, 0.2684,
0.3850


■ 87.8552, 0.3197,
0.3201


■ 65.9280, 0.2629,
0.3989


■ 88.3998, 0.3143,
0.3118


 64.4863, 0.2592,
0.4132

 88.4737, 0.3136,
0.3107

 63.4146, 0.2575,
0.4276

 62.6700, 0.2579,
0.4419

 62.1842, 0.2601,
0.4559

 62.1626, 0.2602,
0.4566

Harmonies

Analogous

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



76.0525, 0.3143, 0.3631



76.0525, 0.2931, 0.3482



76.0525, 0.2775, 0.3280

Triad

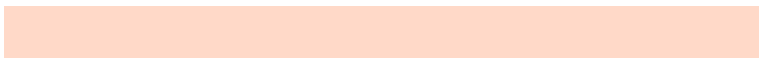
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0525, 0.2931, 0.3482



76.0525, 0.2894, 0.2925



76.0525, 0.3561, 0.3467

Complementary

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



76.0525, 0.2931, 0.3482



59.1586, 0.3374, 0.3106

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.



76.0525, 0.3491, 0.3284



76.0525, 0.2931, 0.3482



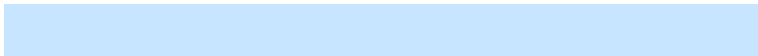
76.0525, 0.3100, 0.2978

Square

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



76.0525, 0.2931, 0.3482



76.0525, 0.2754, 0.2962



76.0525, 0.3319, 0.3108



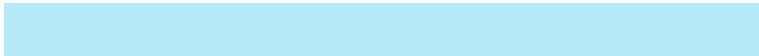
76.0525, 0.3511, 0.3614

Rectangle

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



76.0525, 0.2931, 0.3482



76.0525, 0.2721, 0.3148



76.0525, 0.3319, 0.3108



76.0525, 0.3551, 0.3408

Sweetspot

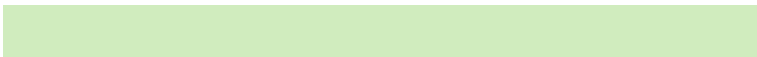
The Sweet Spot groups the original color and five complimentary colors.



76.0557, 0.2931, 0.3482



96.8547, 0.3065, 0.3345



77.0670, 0.3221, 0.3807



20.6607, 0.3058, 0.3351



0.0000, 0.0000, 0.0000



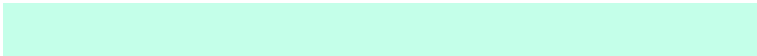
21.4041, 0.3127, 0.3290

Same Dimension

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



76.0557, 0.2931, 0.3482



89.2071, 0.2897, 0.3522



73.9505, 0.2832, 0.3229



17.0222, 0.3030, 0.3378



34.2894, 0.2596, 0.4544



2.7110, 0.2541, 0.4349

Inverse Universe

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



59.1586, 0.3374, 0.3106



65.9588, 0.3431, 0.3070



60.7414, 0.3501, 0.3350



15.1459, 0.3235, 0.3203



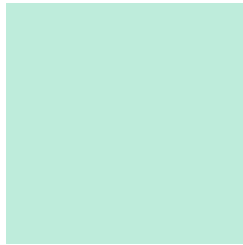
10.2323, 0.5500, 0.2804



0.8215, 0.5121, 0.2595

Previews

White Background



This preview shows how the Yxy color 76.0525, 0.2931, 0.3482 looks on a white background.

Color Contrast Check

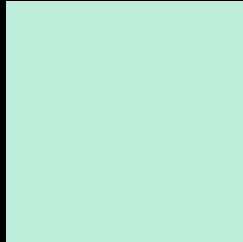
Large Text (above 18pt) WCAG AA × Fail

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 76.0525, 0.2931, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

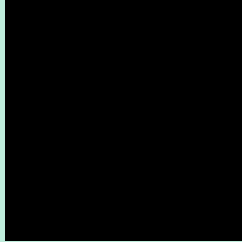
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

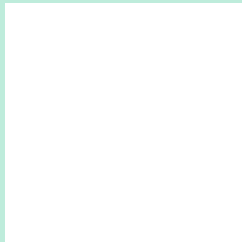
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0525, 0.2931, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 76.0525, 0.2931, 0.3482.

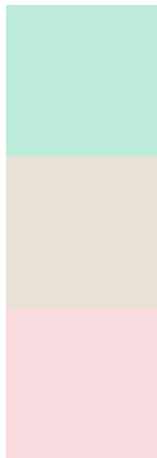


This preview shows how white text looks on a background with the Yxy color 76.0525, 0.2931, 0.3482.

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

76.0525, 0.2931, 0.3482

Protanopia

75.8103, 0.3256, 0.3418

Deuteranopia

75.4270, 0.3311, 0.3239



Tritanopia

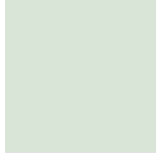
75.7897, 0.2790, 0.3083

Trichromacy



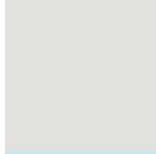
Original Color

76.0525, 0.2931, 0.3482



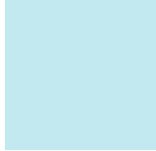
Protanomaly

75.6966, 0.3134, 0.3443



Deuteranomaly

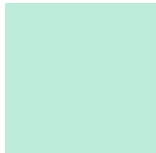
75.4552, 0.3161, 0.3322



Tritanomaly

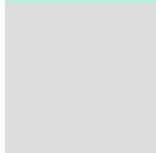
75.9792, 0.2841, 0.3223

Monochromacy



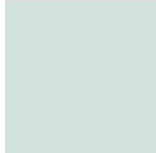
Original Color

76.0525, 0.2931, 0.3482



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

73.1153, 0.3048, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0525, 0.2931, 0.3482 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(190, 236, 219)` looks like.

```
.text, #text, p{  
    color:rgb(190, 236, 219)  
}
```

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(190, 236, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 236, 219) }
```

Border

The CSS property to change the border of an element to Yxy 76.0525, 0.2931, 0.3482 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(190, 236, 219) }
```

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

```
.border{ border-color:rgb(190, 236, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 236, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 236, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 236, 219);  
box-shadow:4px 4px 4px 4px rgb(190, 236,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0525, 0.2931, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 236, 219) }
```

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

```
.background{ background-color: rgb(190,  
236, 219) }
```

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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