

Converting Colors

$Yxy(76.1069, 0.2967, 0.3528)$

Have a look what the booklet for
Yxy(76.1069, 0.2967, 0.3528)
contains.

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Color

Yxy(76.1037, 0.2967, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	C0ECD7
RGB	192, 236, 215
RGB Percent	75%, 93%, 84%
CMY	0.2470, 0.0745, 0.1568
CMYK	0.19, 0.00, 0.09, 0.07
HSL	151°, 54%, 84%
HSV	151°, 19%, 93%
XYZ	64.0022, 76.1037, 75.6076
YIQ	220.4500, -19.4830, -15.8590

Conversions

Conversions Part 2

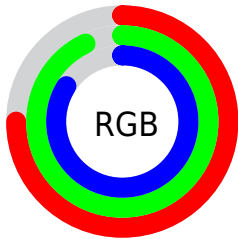
Format	Color
RYB	192, 221, 236
Decimal	12643543
CIELab	89.91, -18.25, 5.49
CIElCh	90, 19.057, 163.245
Yxy	76.1037, 0.2967, 0.3528
Android (android.graphics.Color)	4290833623 (0xFFC0ECD7)
YUV	220.4500, -2.6868, -24.9506
Hunter-Lab	87.2374, -21.7081, 9.6803

Details

The Yxy color **76.1037, 0.2967, 0.3528** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.3439, 0.3323, 0.3064**, and the grayscale version is **71.9340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **40.5839, 0.2931, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **72.7095, 0.2887, 0.3676**, and if you desaturate by 10%, it is **80.0382, 0.3052, 0.3394**.

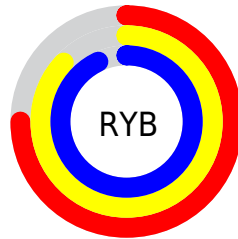
Distribution



Red (75%)

Green (93%)

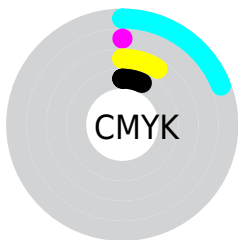
Blue (84%)



Red (75%)

Yellow (87%)

Blue (93%)

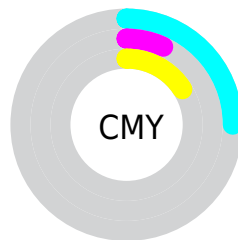


Cyan (19%)

Magenta (0%)

Yellow (9%)

Black (7%)



Cyan (25%)


Magenta (7%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1037, 0.2967, 0.3528 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 76.1037, 0.2967, 0.3528 by changing the saturation by 10% instead.


 76.1037, 0.2967,
0.3528

 76.1037, 0.2967,
0.3528


481.7026, 0.3042,
0.3417

 56.5175, 0.2950,
0.3554


 127.8735, 0.2993,
0.3489

 40.6180, 0.2929,
0.3586


160.8259, 0.3003,
0.3474

 28.0207, 0.2902,
0.3626


199.0025, 0.3012,
0.3461

 18.3413, 0.2866,
0.3680

242.7878, 0.3019,
0.3450

 11.1953, 0.2818,
0.3754

292.5660, 0.3026,
0.3440

 6.1983, 0.2747,
0.3863


348.7216, 0.3032,

 2.9661, 0.2634,


0.3431


0.4038


411.6390, 0.3037,
0.3424


 1.1140, 0.2368,
0.4419


 0.0000, 0.0000,
0.0000


 76.1037, 0.2967,
0.3528


 76.1037, 0.2967,
0.3528


 72.7095, 0.2887,
0.3676


 80.0382, 0.3052,
0.3394

 69.8216, 0.2814,
0.3837

 84.5260, 0.3139,
0.3275

 67.4170, 0.2753,
0.4011

 88.0791, 0.3174,
0.3166

 65.4672, 0.2706,
0.4193

 88.4719, 0.3136,
0.3107

■ 63.9402, 0.2676,
0.4382

■ 62.8000, 0.2666,
0.4571

■ 62.0040, 0.2677,
0.4756

■ 61.4901, 0.2706,
0.4932

■ 61.4305, 0.2710,
0.4956

Harmonies

Analogous

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



76.1037, 0.3191, 0.3663



76.1037, 0.2967, 0.3528



76.1037, 0.2790, 0.3324

Triad

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



76.1037, 0.2967, 0.3528



76.1037, 0.2848, 0.2912



76.1037, 0.3572, 0.3435

Complementary

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



76.1037, 0.2967, 0.3528



60.3439, 0.3323, 0.3064

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.



76.1037, 0.3473, 0.3243



76.1037, 0.2967, 0.3528



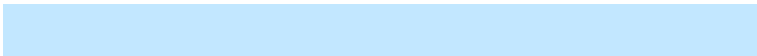
76.1037, 0.3050, 0.2949

Square

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



76.1037, 0.2967, 0.3528



76.1037, 0.2723, 0.2971



76.1037, 0.3280, 0.3068



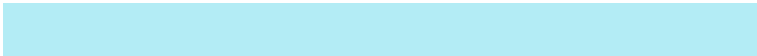
76.1037, 0.3545, 0.3598

Rectangle

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



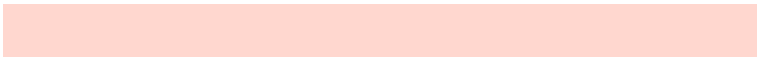
76.1037, 0.2967, 0.3528



76.1037, 0.2720, 0.3184



76.1037, 0.3280, 0.3068



76.1037, 0.3552, 0.3372

Sweetspot

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



76.1069, 0.2967, 0.3528



96.7513, 0.3075, 0.3362



77.9857, 0.3247, 0.3778



20.6362, 0.3069, 0.3370



0.0000, 0.0000, 0.0000



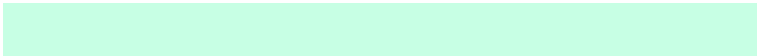
21.4041, 0.3127, 0.3290

Same Dimension

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



76.1069, 0.2967, 0.3528



89.2621, 0.2939, 0.3578



76.8353, 0.2847, 0.3281



16.9937, 0.3045, 0.3405



33.8874, 0.2702, 0.4928



2.6804, 0.2634, 0.4683

Inverse Universe

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



60.3439, 0.3323, 0.3064



67.5343, 0.3368, 0.3020



59.6684, 0.3490, 0.3299



15.1738, 0.3218, 0.3178



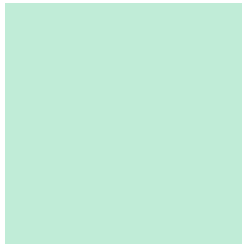
10.5086, 0.5052, 0.2557



0.8445, 0.4730, 0.2379

Previews

White Background



This preview shows how the Yxy color 76.1037, 0.2967, 0.3528 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 76.1037, 0.2967, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

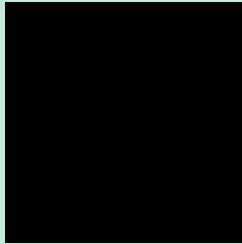
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

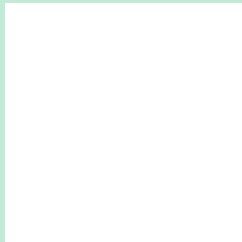
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1037, 0.2967, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 76.1037, 0.2967, 0.3528.

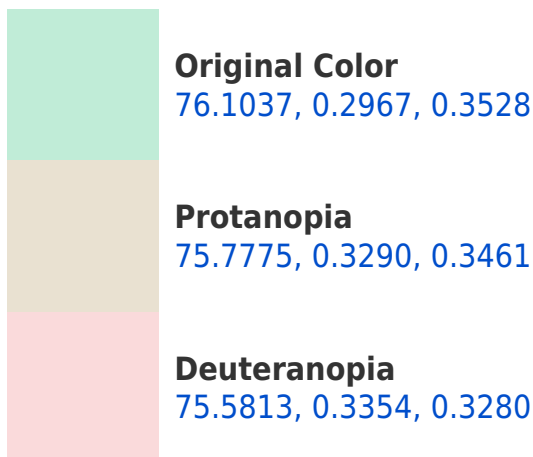


This preview shows how white text looks on a background with the Yxy color 76.1037, 0.2967, 0.3528.

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

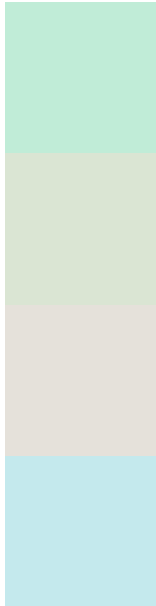




Tritanopia

75.9971, 0.2808, 0.3094

Trichromacy



Original Color

76.1037, 0.2967, 0.3528

Protanomaly

75.6472, 0.3166, 0.3487

Deuteranomaly

75.5704, 0.3201, 0.3365

Tritanomaly

76.1280, 0.2864, 0.3245

Monochromacy



Original Color

76.1037, 0.2967, 0.3528

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

73.1563, 0.3068, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1037, 0.2967, 0.3528 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(192, 236, 215)` looks like.

```
.text, #text, p{  
    color:rgb(192, 236, 215)  
}
```

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(192, 236, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 236, 215) }
```

Border

The CSS property to change the border of an element to Yxy 76.1037, 0.2967, 0.3528 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(192, 236, 215) }
```

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

```
.border{ border-color:rgb(192, 236, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 236, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 236, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 236, 215);  
box-shadow:4px 4px 4px 4px rgb(192, 236,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1037, 0.2967, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 236, 215) }
```

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

```
.background{ background-color: rgb(192,  
236, 215) }
```

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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