

Converting Colors

$Yxy(75.5021, 0.2992, 0.3554)$

Have a look what the booklet for
Yxy(75.5021, 0.2992, 0.3554)
contains.

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Color

Yxy(75.5076, 0.2991, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	C1EBD4
RGB	193, 235, 212
RGB Percent	76%, 92%, 83%
CMY	0.2431, 0.0784, 0.1688
CMYK	0.18, 0.00, 0.10, 0.08
HSL	147°, 51%, 84%
HSV	147°, 18%, 92%
XYZ	63.5820, 75.5076, 73.4881
YIQ	219.8200, -17.6490, -16.0570

Conversions

Conversions Part 2

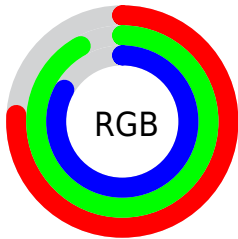
Format	Color
RYB	193, 222, 235
Decimal	12708820
CIELab	89.63, -18.01, 6.69
CIElCh	90, 19.215, 159.636
Yxy	75.5076, 0.2991, 0.3552
Android (android.graphics.Color)	4290898900 (0xFFC1EBD4)
YUV	219.8200, -3.8553, -23.5211
Hunter-Lab	86.8951, -21.4563, 10.6844

Details

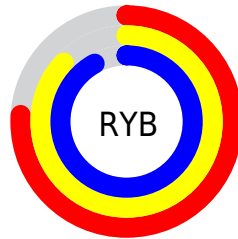
The Yxy color **75.5076, 0.2991, 0.3552** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.7669, 0.3291, 0.3042**, and the grayscale version is **71.4759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **40.1635, 0.2961, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **72.0387, 0.2919, 0.3722**, and if you desaturate by 10%, it is **79.5255, 0.3067, 0.3399**.

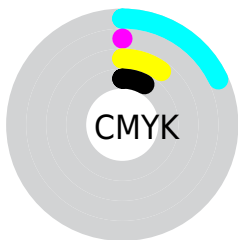
Distribution



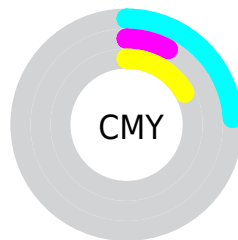
- Red (76%)
- Green (92%)
- Blue (83%)



- Red (76%)
- Yellow (87%)
- Blue (92%)



- Cyan (18%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)





- Cyan (24%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5076, 0.2991, 0.3552 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 75.5076, 0.2991, 0.3552 by changing the saturation by 10% instead.

 75.5076, 0.2991,
0.3552

 75.5076, 0.2991,
0.3552

479.6604, 0.3055,
0.3429

 56.0288, 0.2976,
0.3581


 127.0306, 0.3013,
0.3509

 40.2260, 0.2958,
0.3616


159.8437, 0.3022,
0.3492

 27.7148, 0.2934,
0.3661


197.8703, 0.3029,
0.3478

 18.1108, 0.2903,
0.3721

241.4949, 0.3036,
0.3466

 11.0296, 0.2861,
0.3804

291.1018, 0.3041,
0.3455

 6.0867, 0.2798,
0.3927

347.0754, 0.3046,

 2.8979, 0.2697,

0.3445

409.8002, 0.3051,
0.3437

0.4125

1.0787, 0.2445,
0.4599

0.0000, 0.0000,
0.0000

75.5076, 0.2991,
0.3552

75.5076, 0.2991,
0.3552

72.0387, 0.2919,
0.3722

79.5255, 0.3067,
0.3399

69.0851, 0.2854,
0.3908

84.1057, 0.3144,
0.3262

66.6236, 0.2799,
0.4109

87.6230, 0.3163,
0.3139

64.6256, 0.2756,
0.4320

87.9005, 0.3136,
0.3097

■ 63.0594, 0.2731,
0.4537

■ 61.8892, 0.2724,
0.4753

■ 61.0729, 0.2737,
0.4961

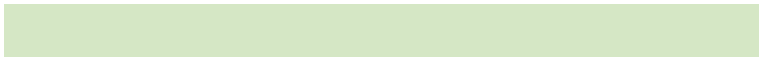
■ 60.5533, 0.2769,
0.5155

■ 60.4630, 0.2776,
0.5194

Harmonies

Analogous

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



75.5076, 0.3219, 0.3676



75.5076, 0.2991, 0.3552



75.5076, 0.2804, 0.3351

Triad

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



75.5076, 0.2991, 0.3552



75.5076, 0.2825, 0.2910



75.5076, 0.3571, 0.3413

Complementary

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



75.5076, 0.2991, 0.3552



60.7669, 0.3291, 0.3042

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.



75.5076, 0.3458, 0.3219



75.5076, 0.2991, 0.3552



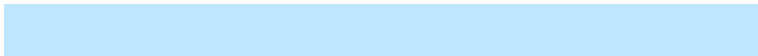
75.5076, 0.3022, 0.2936

Square

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



75.5076, 0.2991, 0.3552



75.5076, 0.2711, 0.2981



75.5076, 0.3254, 0.3048



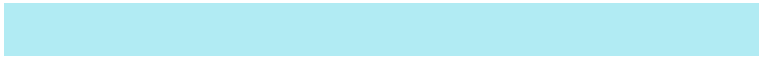
75.5076, 0.3560, 0.3585

Rectangle

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



75.5076, 0.2991, 0.3552



75.5076, 0.2725, 0.3207



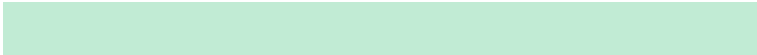
75.5076, 0.3254, 0.3048



75.5076, 0.3546, 0.3349

Sweetspot

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



75.5108, 0.2991, 0.3552



97.2192, 0.3088, 0.3358



77.8863, 0.3262, 0.3754



20.7282, 0.3083, 0.3368



0.0000, 0.0000, 0.0000



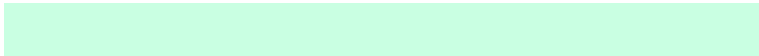
21.4041, 0.3127, 0.3290

Same Dimension

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



75.5108, 0.2991, 0.3552



89.4704, 0.2967, 0.3605



76.6368, 0.2870, 0.3313



16.9752, 0.3054, 0.3422



33.6732, 0.2768, 0.5165



2.6633, 0.2694, 0.4897

Inverse Universe

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



60.7669, 0.3291, 0.3042



69.0031, 0.3326, 0.2995



59.7516, 0.3456, 0.3268



15.1923, 0.3207, 0.3161



10.7367, 0.4751, 0.2391



0.8625, 0.4479, 0.2241

Previews

White Background



This preview shows how the Yxy color 75.5076, 0.2991, 0.3552 looks on a white background.

Color Contrast Check

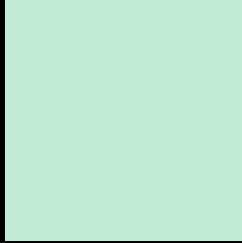
Large Text (above 18pt) WCAG AA × Fail

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 75.5076, 0.2991, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

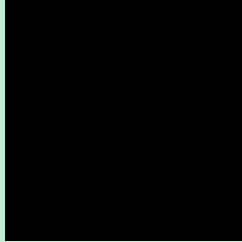
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

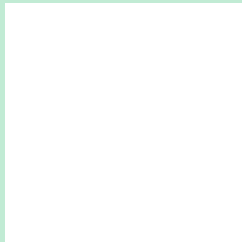
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5076, 0.2991, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 75.5076, 0.2991, 0.3552.

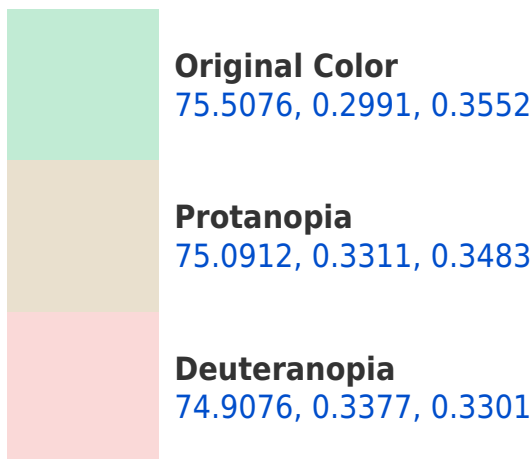


This preview shows how white text looks on a background with the Yxy color 75.5076, 0.2991, 0.3552.

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

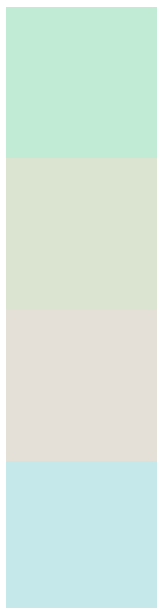




Tritanopia

75.5131, 0.2819, 0.3094

Trichromacy



Original Color

75.5076, 0.2991, 0.3552

Protanomaly

74.9463, 0.3186, 0.3510

Deuteranomaly

74.8756, 0.3222, 0.3387

Tritanomaly

75.5817, 0.2881, 0.3256

Monochromacy



Original Color

75.5076, 0.2991, 0.3552

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.5618, 0.3074, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5076, 0.2991, 0.3552 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(193, 235, 212)` looks like.

```
.text, #text, p{  
    color:rgb(193, 235, 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(193, 235, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 235, 212) }
```

Border

The CSS property to change the border of an element to Yxy 75.5076, 0.2991, 0.3552 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(193, 235, 212) }
```

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

```
.border{ border-color:rgb(193, 235, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 235, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 235, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 235, 212);  
box-shadow:4px 4px 4px 4px rgb(193, 235,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5076, 0.2991, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 235, 212) }
```

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

```
.background{ background-color: rgb(193,  
235, 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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