

Converting Colors

$Yxy(75.9480, 0.2962, 0.3482)$

Have a look what the booklet for
Yxy(75.9480, 0.2962, 0.3482)
contains.

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Color

Yxy(75.9480, 0.2962, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	C2EBDA
RGB	194, 235, 218
RGB Percent	76%, 92%, 85%
CMY	0.2393, 0.0784, 0.1452
CMYK	0.17, 0.00, 0.07, 0.08
HSL	155°, 51%, 84%
HSV	155°, 17%, 92%
XYZ	64.6060, 75.9480, 77.5621
YIQ	220.8030, -18.9790, -13.9790

Conversions

Conversions Part 2

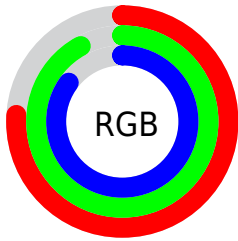
Format	Color
RYB	194, 220, 235
Decimal	12774362
CIELab	89.84, -16.56, 3.86
CIELCh	90, 17.005, 166.894
Yxy	75.9480, 0.2962, 0.3482
Android (android.graphics.Color)	4290964442 (0xFFC2EBDA)
YUV	220.8030, -1.3819, -23.5062
Hunter-Lab	87.1481, -20.1810, 8.2355

Details

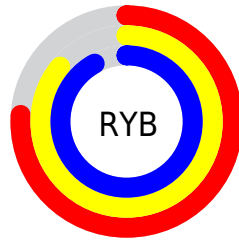
The Yxy color **75.9480, 0.2962, 0.3482** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.9483, 0.3328, 0.3106**, and the grayscale version is **72.1802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **40.4600, 0.2925, 0.3528** is the 20% darker color. If you saturate the color by 10%, you get **72.5877, 0.2874, 0.3608**, and if you desaturate by 10%, it is **79.8365, 0.3056, 0.3368**.

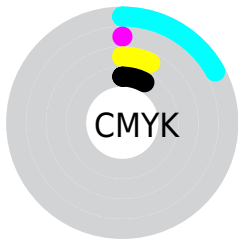
Distribution



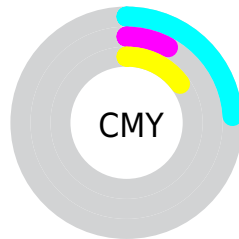
- Red (76%)
- Green (92%)
- Blue (85%)



- Red (76%)
- Yellow (86%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)




- Cyan (24%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9480, 0.2962, 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 75.9480, 0.2962, 0.3482 by changing the saturation by 10% instead.


 75.9480, 0.2962,
0.3482

 75.9480, 0.2962,
0.3482

481.1697, 0.3038,
0.3393

 56.3899, 0.2945,
0.3503


 127.6534, 0.2989,
0.3451

 40.5156, 0.2923,
0.3528


160.5695, 0.2999,
0.3439

 27.9408, 0.2895,
0.3561


198.7069, 0.3008,
0.3428

 18.2810, 0.2860,
0.3603

242.4503, 0.3015,
0.3419

 11.1519, 0.2811,
0.3662

292.1838, 0.3022,
0.3411

 6.1691, 0.2740,
0.3748

348.2919, 0.3028,

 2.9482, 0.2628,

0.3404

0.3885

411.1591, 0.3034,
0.3398

■ 1.1047, 0.2378,
0.4167

■ 0.0000, 0.0000,
0.0000

■ 75.9480, 0.2962,
0.3482

■ 75.9480, 0.2962,
0.3482

■ 72.5877, 0.2874,
0.3608

■ 79.8365, 0.3056,
0.3368

■ 69.7224, 0.2793,
0.3746

■ 84.2657, 0.3152,
0.3265

■ 67.3299, 0.2724,
0.3894

■ 87.4140, 0.3185,
0.3171

■ 65.3826, 0.2670,
0.4050

■ 87.9027, 0.3136,
0.3097

■ 63.8495, 0.2633,
0.4212

■ 62.6959, 0.2615,
0.4376

■ 61.8810, 0.2619,
0.4538

■ 61.3507, 0.2642,
0.4696

■ 61.2397, 0.2649,
0.4736

Harmonies

Analogous

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



75.9480, 0.3160, 0.3612



75.9480, 0.2962, 0.3482



75.9480, 0.2811, 0.3298

Triad

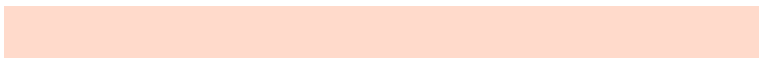
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9480, 0.2962, 0.3482



75.9480, 0.2897, 0.2951



75.9480, 0.3527, 0.3441

Complementary

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



75.9480, 0.2962, 0.3482



60.9483, 0.3328, 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.



75.9480, 0.3452, 0.3269



75.9480, 0.2962, 0.3482



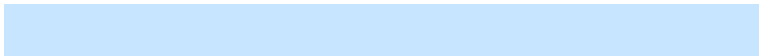
75.9480, 0.3084, 0.2993

Square

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



75.9480, 0.2962, 0.3482



75.9480, 0.2774, 0.2994



75.9480, 0.3288, 0.3108



75.9480, 0.3490, 0.3580

Rectangle

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



75.9480, 0.2962, 0.3482



75.9480, 0.2755, 0.3175



75.9480, 0.3288, 0.3108



75.9480, 0.3514, 0.3385

Sweetspot

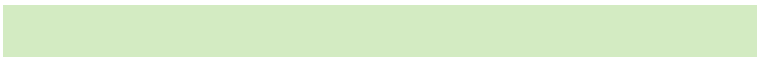
The Sweet Spot groups the original color and five complimentary colors.



75.9512, 0.2962, 0.3482



97.3250, 0.3079, 0.3342



77.1784, 0.3221, 0.3747



20.7540, 0.3072, 0.3349



0.0000, 0.0000, 0.0000



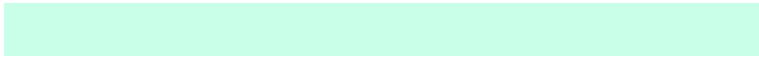
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9512, 0.2962, 0.3482



89.8691, 0.2929, 0.3527



74.9508, 0.2862, 0.3251



17.0099, 0.3036, 0.3390



34.1053, 0.2642, 0.4711



2.6972, 0.2581, 0.4493

Inverse Universe

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



60.9483, 0.3328, 0.3106



68.6088, 0.3380, 0.3065



61.6773, 0.3457, 0.3329



15.1578, 0.3228, 0.3193



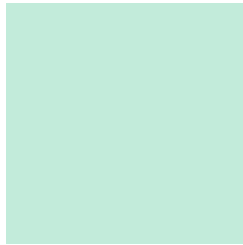
10.3407, 0.5311, 0.2700



0.8308, 0.4953, 0.2502

Previews

White Background



This preview shows how the Yxy color 75.9480, 0.2962, 0.3482 looks on a white background.

Color Contrast Check

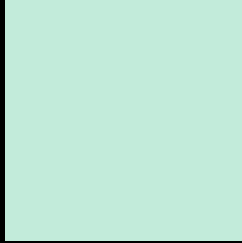
Large Text (above 18pt) WCAG AA × Fail

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 75.9480, 0.2962, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

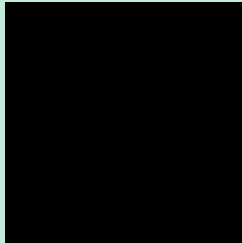
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

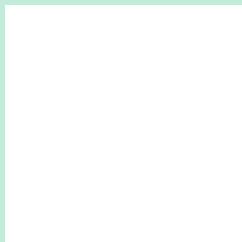
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9480, 0.2962, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 75.9480, 0.2962, 0.3482.

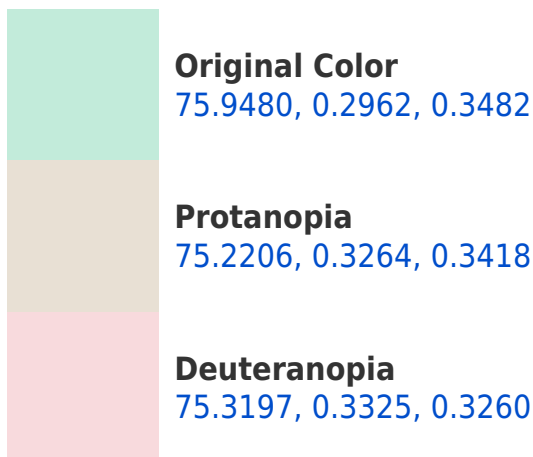


This preview shows how white text looks on a background with the Yxy color 75.9480, 0.2962, 0.3482.

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

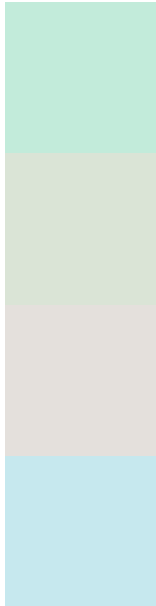




Tritanopia

75.7125, 0.2819, 0.3084

Trichromacy



Original Color

75.9480, 0.2962, 0.3482

Protanomaly

75.2473, 0.3148, 0.3443

Deuteranomaly

74.9726, 0.3182, 0.3333

Tritanomaly

75.8920, 0.2870, 0.3223

Monochromacy



Original Color

75.9480, 0.2962, 0.3482

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.4089, 0.3062, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9480, 0.2962, 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(194, 235, 218)` looks like.

```
.text, #text, p{  
    color:rgb(194, 235, 218)  
}
```

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(194, 235, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 235, 218) }
```

Border

The CSS property to change the border of an element to Yxy 75.9480, 0.2962, 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(194, 235, 218) }
```

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

```
.border{ border-color:rgb(194, 235, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 235, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 235, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 235, 218);  
box-shadow:4px 4px 4px 4px rgb(194, 235,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9480, 0.2962, 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(194, 235, 218) }
```

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

```
.background{ background-color: rgb(194,  
235, 218) }
```

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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