

Converting Colors

$Yxy(75.7207, 0.2856, 0.3230)$

Have a look what the booklet for
Yxy(75.7207, 0.2856, 0.3230)
contains.

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Color

Yxy(75.4884, 0.2852, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	C3E8EE
RGB	195, 232, 238
RGB Percent	76%, 91%, 93%
CMY	0.2352, 0.0902, 0.0667
CMYK	0.18, 0.03, 0.00, 0.07
HSL	188°, 56%, 85%
HSV	188°, 18%, 93%
XYZ	66.7989, 75.4884, 91.9305
YIQ	221.6210, -23.9780, -5.9780

Conversions

Conversions Part 2

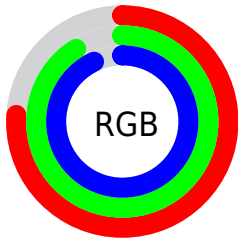
Format	Color
R_{YB}	195, 215, 238
Decimal	12839150
CIE Lab	89.62, -10.72, -6.92
CIE LCh	90, 12.763, 212.855
Yxy	75.4884, 0.2852, 0.3223
Android (android.graphics.Color)	4291029230 (0xFFC3E8EE)
YUV	221.6210, 8.0748, -23.3466
Hunter-Lab	86.8841, -14.8113, -1.9149

Details

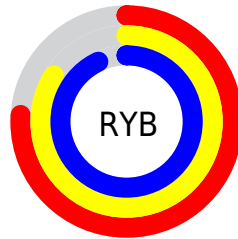
The Yxy color **75.4884, 0.2852, 0.3223** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.9002, 0.3466, 0.3356**, and the grayscale version is **72.7253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **40.0908, 0.2792, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **70.7183, 0.2709, 0.3181**, and if you desaturate by 10%, it is **80.8052, 0.3003, 0.3261**.

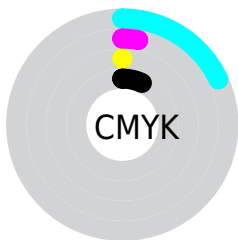
Distribution



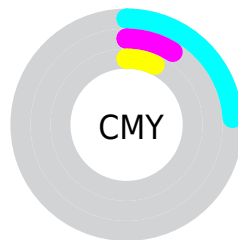
- Red (76%)
- Green (91%)
- Blue (93%)



- Red (76%)
- Yellow (84%)
- Blue (93%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (24%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4884, 0.2852, 0.3223 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 75.4884, 0.2852, 0.3223 by changing the saturation by 10% instead.

■ 75.4884, 0.2852,
0.3223

■ 75.4884, 0.2852,
0.3223

■ 479.5946, 0.2978,
0.3255

■ 56.0131, 0.2824,
0.3215

■ 127.0035, 0.2895,
0.3234

■ 40.2134, 0.2789,
0.3206

■ 159.8120, 0.2912,
0.3239

■ 27.7050, 0.2746,
0.3193

■ 197.8338, 0.2927,
0.3243

■ 18.1034, 0.2689,
0.3177

■ 241.4532, 0.2939,
0.3246

■ 11.0242, 0.2613,
0.3154

■ 291.0545, 0.2951,
0.3249

■ 6.0831, 0.2506,
0.3119

■ 347.0223, 0.2961,

■ 2.8957, 0.2343,

0.3251

409.7409, 0.2970,
0.3253

0.3063

1.0775, 0.2060,
0.2957

0.0000, 0.0000,
0.0000

75.4884, 0.2852,
0.3223

75.4884, 0.2852,
0.3223

70.7183, 0.2709,
0.3181

80.8052, 0.3003,
0.3261

66.4617, 0.2575,
0.3137

86.6819, 0.3158,
0.3297

62.6955, 0.2456,
0.3090

90.9107, 0.3237,
0.3329

59.3913, 0.2352,
0.3042

92.9040, 0.3235,
0.3361

■ 56.5177, 0.2267,
0.2992

■ 94.9332, 0.3232,
0.3393

■ 54.0387, 0.2201,
0.2943

■ 96.9987, 0.3229,
0.3425

■ 51.9122, 0.2155,
0.2893

■ 98.9525, 0.3226,
0.3454

■ 50.0797, 0.2126,
0.2844

■ 49.7401, 0.2121,
0.2835

Harmonies

Analogous

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



75.4884, 0.2936, 0.3363



75.4884, 0.2852, 0.3223



75.4884, 0.2840, 0.3106

Triad

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



75.4884, 0.2852, 0.3223



75.4884, 0.3178, 0.3106



75.4884, 0.3354, 0.3543

Complementary

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



75.4884, 0.2852, 0.3223



63.9002, 0.3466, 0.3356

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.



75.4884, 0.3423, 0.3466



75.4884, 0.2852, 0.3223



75.4884, 0.3320, 0.3215

Square

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



75.4884, 0.2852, 0.3223



75.4884, 0.3025, 0.3042



75.4884, 0.3410, 0.3346



75.4884, 0.3224, 0.3552

Rectangle

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



75.4884, 0.2852, 0.3223



75.4884, 0.2874, 0.3056



75.4884, 0.3410, 0.3346



75.4884, 0.3385, 0.3524

Sweetspot

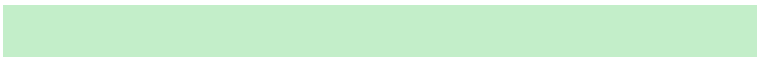
The Sweet Spot groups the original color and five complimentary colors.



75.4915, 0.2852, 0.3223



96.5323, 0.3049, 0.3272



76.9554, 0.3070, 0.3715



20.5605, 0.3038, 0.3270



0.0000, 0.0000, 0.0000



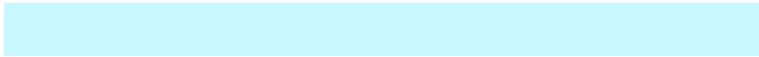
21.4041, 0.3127, 0.3290

Same Dimension

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



75.4915, 0.2852, 0.3223



85.9780, 0.2793, 0.3207



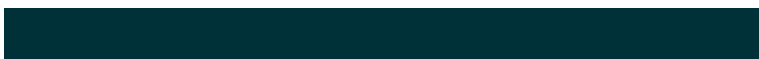
64.2590, 0.2839, 0.2982



17.5311, 0.2981, 0.3256



27.8962, 0.2123, 0.2842



2.4231, 0.2141, 0.2907

Inverse Universe

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



63.0454, 0.3192, 0.2902



68.7871, 0.3209, 0.2813



74.4863, 0.3427, 0.3580



15.9913, 0.3159, 0.3089



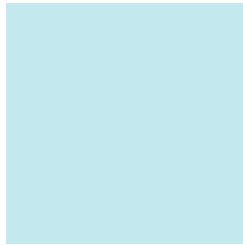
12.6095, 0.3596, 0.1754



1.0593, 0.3537, 0.1722

Previews

White Background



This preview shows how the Yxy color 75.4884, 0.2852, 0.3223 looks on a white background.

Color Contrast Check

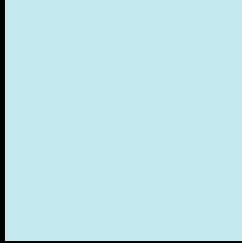
Large Text (above 18pt) WCAG AA × Fail

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 75.4884, 0.2852, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

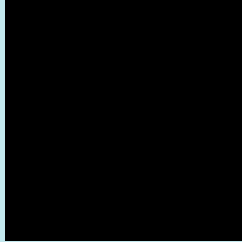
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

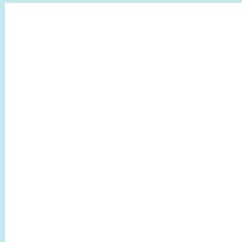
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4884, 0.2852, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 75.4884, 0.2852, 0.3223.

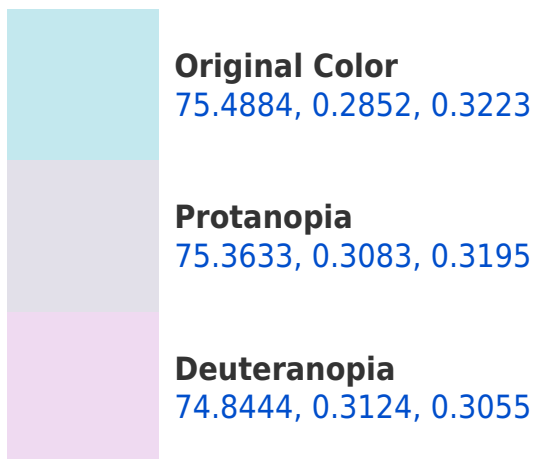


This preview shows how white text looks on a background with the Yxy color 75.4884, 0.2852, 0.3223.

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

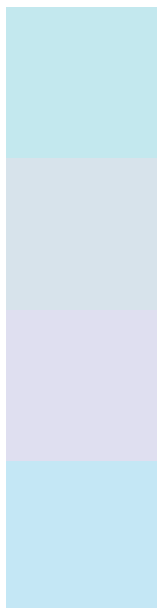




Tritanopia

75.3035, 0.2801, 0.3083

Trichromacy



Original Color

75.4884, 0.2852, 0.3223

Protanomaly

75.3834, 0.2996, 0.3204

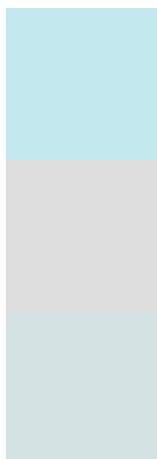
Deuteranomaly

74.7546, 0.3018, 0.3110

Tritanomaly

75.4802, 0.2818, 0.3136

Monochromacy



Original Color

75.4884, 0.2852, 0.3223

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.9912, 0.3019, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4884, 0.2852, 0.3223 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(195, 232, 238)` looks like.

```
.text, #text, p{  
    color:rgb(195, 232, 238)  
}
```

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(195, 232, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 232, 238) }
```

Border

The CSS property to change the border of an element to Yxy 75.4884, 0.2852, 0.3223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

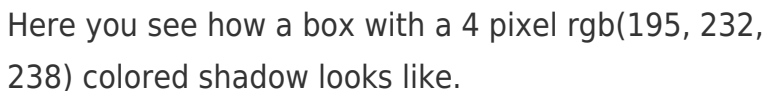
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 232, 238) }
```

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

```
.border{ border-color:rgb(195, 232, 238) }
```

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



Here you see how a box with a 4 pixel rgb(195, 232, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 232, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 232, 238); box-shadow:4px 4px 4px 4px rgb(195, 232, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4884, 0.2852, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 232, 238) }
```

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

```
.background{ background-color: rgb(195,  
232, 238) }
```

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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