

Converting Colors

$Yxy(75.4882, 0.2758, 0.3395)$

Have a look what the booklet for
Yxy(75.4882, 0.2758, 0.3395)
contains.

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Color

Yxy(75.3523, 0.2760, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	AAEEEE
RGB	170, 238, 229
RGB Percent	67%, 93%, 90%
CMY	0.3333, 0.0666, 0.1020
CMYK	0.29, 0.00, 0.04, 0.07
HSL	172°, 67%, 80%
HSV	172°, 29%, 93%
XYZ	61.2945, 75.3523, 85.4348
YIQ	216.6420, -37.6390, -17.2150

Conversions

Conversions Part 2

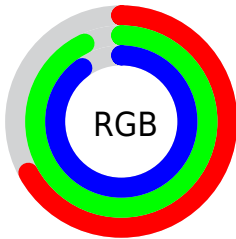
Format	Color
RYB	170, 206, 238
Decimal	11202277
CIELab	89.56, -23.01, -2.47
CIELCh	90, 23.142, 186.132
Yxy	75.3523, 0.2760, 0.3393
Android (android.graphics.Color)	4289392357 (0xFFAAEEE5)
YUV	216.6420, 6.0925, -40.9050
Hunter-Lab	86.8057, -25.8690, 2.4103

Details

The Yxy color **75.3523, 0.2760, 0.3393** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **50.1858, 0.3674, 0.3191**, and the grayscale version is **69.1093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **40.1567, 0.2670, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **72.7638, 0.2651, 0.3435**, and if you desaturate by 10%, it is **78.4303, 0.2881, 0.3354**.

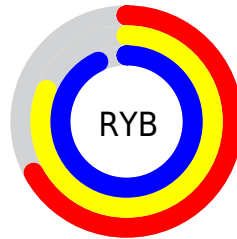
Distribution



Red (67%)

Green (93%)

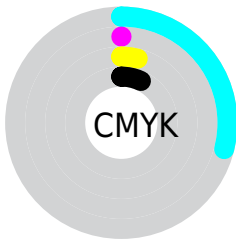
Blue (90%)



Red (67%)

Yellow (81%)

Blue (93%)

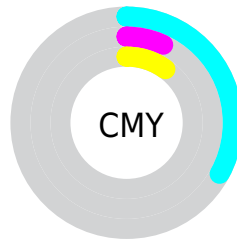


Cyan (29%)

Magenta (0%)

Yellow (4%)

Black (7%)



Cyan (33%)


Magenta (7%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3523, 0.2760, 0.3393 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 75.3523, 0.2760, 0.3393 by changing the saturation by 10% instead.


 75.3523, 0.2760,
0.3393

 75.3523, 0.2760,
0.3393


479.1276, 0.2928,
0.3347

 55.9016, 0.2722,
0.3403


 126.8109, 0.2818,
0.3377

 40.1240, 0.2676,
0.3415

159.5876, 0.2840,
0.3371

 27.6352, 0.2617,
0.3431


197.5751, 0.2860,
0.3366

 18.0509, 0.2542,
0.3450

241.1577, 0.2877,
0.3361

 10.9865, 0.2440,
0.3475

290.7198, 0.2892,
0.3357

 6.0578, 0.2296,
0.3510

346.6459, 0.2905,

 2.8802, 0.2077,

0.3353

409.3204, 0.2917,
0.3350

0.3560

1.0695, 0.1539,
0.3707

0.0000, 0.0000,
0.0000

75.3523, 0.2760,
0.3393

75.3523, 0.2760,
0.3393

72.7638, 0.2651,
0.3435

78.4303, 0.2881,
0.3354

70.6297, 0.2558,
0.3478


82.0125, 0.3011,
0.3318


68.9246, 0.2481,
0.3524


86.1245, 0.3147,
0.3286


67.6169, 0.2424,
0.3571

88.7993, 0.3218,
0.3255

 66.6708, 0.2386,
0.3618


 88.9901, 0.3198,
0.3225

 66.0438, 0.2368,
0.3664


 89.1842, 0.3178,
0.3194

 65.6742, 0.2366,
0.3711

 89.3817, 0.3159,
0.3164

 65.6302, 0.2366,
0.3717

 89.5824, 0.3140,
0.3134

 89.6318, 0.3135,
0.3127

Harmonies

Analogous

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



75.3523, 0.2993, 0.3632



75.3523, 0.2760, 0.3393



75.3523, 0.2627, 0.3134

Triad

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



75.3523, 0.2760, 0.3393



75.3523, 0.2969, 0.2858



75.3523, 0.3658, 0.3621

Complementary

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



75.3523, 0.2760, 0.3393



50.1858, 0.3674, 0.3191

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.



75.3523, 0.3655, 0.3408



75.3523, 0.2760, 0.3393



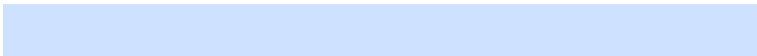
75.3523, 0.3247, 0.2981

Square

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



75.3523, 0.2760, 0.3393



75.3523, 0.2743, 0.2839



75.3523, 0.3502, 0.3177



75.3523, 0.3514, 0.3758

Rectangle

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



75.3523, 0.2760, 0.3393



75.3523, 0.2608, 0.2991



75.3523, 0.3502, 0.3177



75.3523, 0.3675, 0.3555

Sweetspot

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



75.3554, 0.2760, 0.3393



95.7098, 0.3004, 0.3320



73.6469, 0.3147, 0.4106



20.3476, 0.2985, 0.3325



0.0000, 0.0000, 0.0000



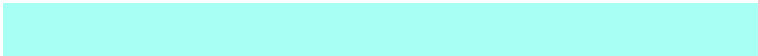
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3554, 0.2760, 0.3393



86.3795, 0.2698, 0.3416



62.3451, 0.2682, 0.2995



17.8908, 0.2999, 0.3321



36.6273, 0.2364, 0.3710



3.0570, 0.2347, 0.3649

Inverse Universe

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



50.1858, 0.3674, 0.3191



52.6630, 0.3825, 0.3171



60.0838, 0.3681, 0.3567



15.7929, 0.3272, 0.3259



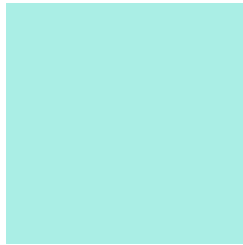
10.2084, 0.6228, 0.3205



0.8599, 0.5930, 0.3040

Previews

White Background



This preview shows how the Yxy color 75.3523, 0.2760, 0.3393 looks on a white background.

Color Contrast Check

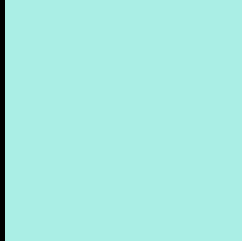
Large Text (above 18pt) WCAG AA × Fail

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 75.3523, 0.2760, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

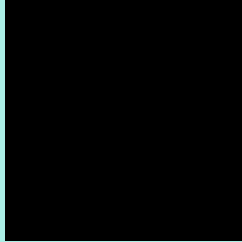
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

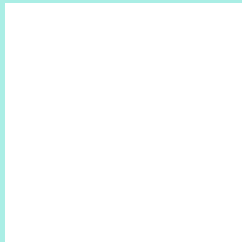
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3523, 0.2760, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 75.3523, 0.2760, 0.3393.

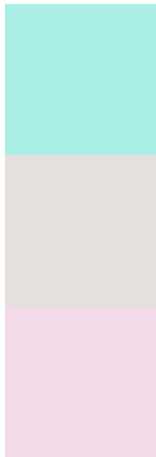


This preview shows how white text looks on a background with the Yxy color 75.3523, 0.2760, 0.3393.

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

75.3523, 0.2760, 0.3393

Protanopia

74.6538, 0.3183, 0.3311

Deuteranopia

74.9032, 0.3199, 0.3136



Tritanopia

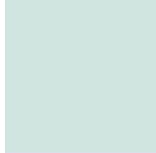
75.0514, 0.2658, 0.3077

Trichromacy



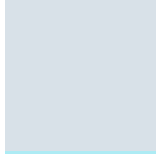
Original Color

75.3523, 0.2760, 0.3393



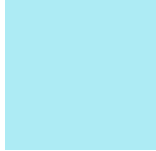
Protanomaly

74.2785, 0.3017, 0.3334



Deuteranomaly

74.2756, 0.3021, 0.3214



Tritanomaly

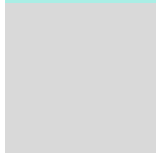
74.8326, 0.2695, 0.3187

Monochromacy



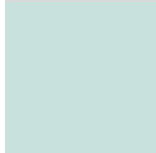
Original Color

75.3523, 0.2760, 0.3393



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.3502, 0.2982, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3523, 0.2760, 0.3393 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(170, 238, 229)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 229)  
}
```

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(170, 238, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 229) }
```

Border

The CSS property to change the border of an element to Yxy 75.3523, 0.2760, 0.3393 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(170, 238, 229) }
```

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

```
.border{ border-color:rgb(170, 238, 229) }
```

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

Here you see how a box with a 4 pixel rgb(170, 238, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 238, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 238, 229);  
box-shadow:4px 4px 4px 4px rgb(170, 238,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3523, 0.2760, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 229) }
```

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

```
.background{ background-color: rgb(170,  
238, 229) }
```

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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