

Converting Colors

$Yxy(75.5241, 0.2691, 0.3232)$

Have a look what the booklet for
Yxy(75.5241, 0.2691, 0.3232)
contains.

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Color

Yxy(75.5252, 0.2691, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	AAEDF2
RGB	170, 237, 242
RGB Percent	67%, 93%, 95%
CMY	0.3335, 0.0705, 0.0510
CMYK	0.30, 0.02, 0.00, 0.05
HSL	184°, 73%, 81%
HSV	184°, 30%, 95%
XYZ	62.8831, 75.5252, 95.2711
YIQ	217.5370, -41.5370, -12.6490

Conversions

Conversions Part 2

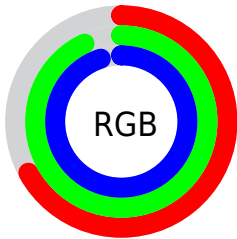
Format	Color
R _Y B	170, 205, 242
Decimal	11202034
CIE Lab	89.64, -19.66, -9.16
CIE LCh	90, 21.685, 204.978
Yxy	75.5252, 0.2691, 0.3232
Android (android.graphics.Color)	4289392114 (0xFFAAEDF2)
YUV	217.5370, 12.0603, -41.6899
Hunter-Lab	86.9052, -22.9246, -4.1638

Details

The Yxy color **75.5252, 0.2691, 0.3232** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **52.4235, 0.3779, 0.3347**, and the grayscale version is **69.7097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **40.2378, 0.2592, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **72.1084, 0.2566, 0.3210**, and if you desaturate by 10%, it is **79.4535, 0.2829, 0.3253**.

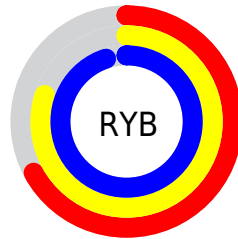
Distribution



Red (67%)

Green (93%)

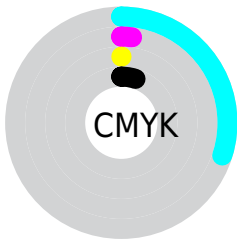
Blue (95%)



Red (67%)

Yellow (80%)

Blue (95%)

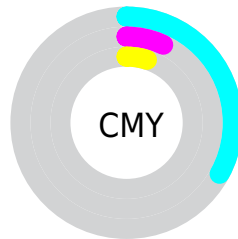


Cyan (30%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (33%)


Magenta (7%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5252, 0.2691, 0.3232 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 75.5252, 0.2691, 0.3232 by changing the saturation by 10% instead.


 75.5252, 0.2691,
0.3232

 75.5252, 0.2691,
0.3232


479.7208, 0.2889,
0.3262

 56.0433, 0.2647,
0.3224


 127.0555, 0.2759,
0.3243

 40.2376, 0.2593,
0.3215


159.8727, 0.2785,
0.3247

 27.7239, 0.2525,
0.3202


197.9038, 0.2808,
0.3251

 18.1176, 0.2438,
0.3184

241.5331, 0.2829,
0.3254

 11.0345, 0.2322,
0.3158

291.1450, 0.2846,
0.3256

 6.0900, 0.2160,
0.3117

347.1240, 0.2862,

 2.8999, 0.1920,

0.3258

0.3047

409.8545, 0.2876,
0.3260

■ 1.0797, 0.1451,
0.2932

■ 0.0000, 0.0000,
0.0000

■ 75.5252, 0.2691,
0.3232

■ 75.5252, 0.2691,
0.3232

■ 72.1084, 0.2566,
0.3210

■ 79.4535, 0.2829,
0.3253

■ 69.1668, 0.2457,
0.3187

■ 83.9095, 0.2976,
0.3272

■ 66.6734, 0.2365,
0.3163

■ 88.9197, 0.3131,
0.3290

■ 64.5949, 0.2292,
0.3139

■ 92.2055, 0.3211,
0.3307

62.8931, 0.2239,
0.3116

93.2183, 0.3210,
0.3323

61.5227, 0.2205,
0.3092

94.2403, 0.3209,
0.3339

60.4096, 0.2186,
0.3069

95.2715, 0.3207,
0.3355

60.3849, 0.2186,
0.3068

96.3120, 0.3206,
0.3371

97.3618, 0.3205,
0.3387

Harmonies

Analogous

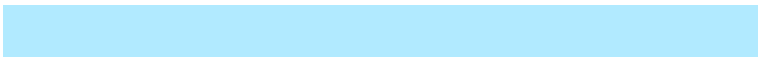
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5252, 0.2856, 0.3476



75.5252, 0.2691, 0.3232



75.5252, 0.2639, 0.3017

Triad

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



75.5252, 0.2691, 0.3232



75.5252, 0.3141, 0.2947



75.5252, 0.3554, 0.3693

Complementary

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



75.5252, 0.2691, 0.3232



52.4235, 0.3779, 0.3347

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.



75.5252, 0.3640, 0.3532



75.5252, 0.2691, 0.3232



75.5252, 0.3397, 0.3110

Square

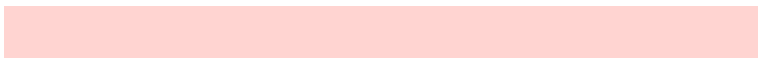
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5252, 0.2691, 0.3232



75.5252, 0.2891, 0.2866



75.5252, 0.3583, 0.3320



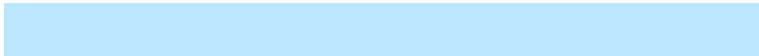
75.5252, 0.3353, 0.3749

Rectangle

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



75.5252, 0.2691, 0.3232



75.5252, 0.2674, 0.2920



75.5252, 0.3583, 0.3320



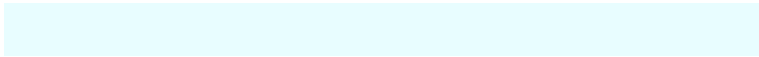
75.5252, 0.3598, 0.3649

Sweetspot

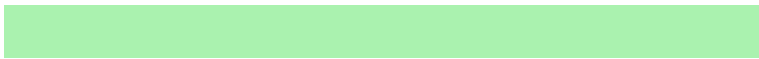
The Sweet Spot groups the original color and five complimentary colors.



75.5282, 0.2691, 0.3232



94.8932, 0.2988, 0.3274



75.1358, 0.3060, 0.4102



20.1447, 0.2966, 0.3271



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.



75.5282, 0.2691, 0.3232



82.5540, 0.2610, 0.3218



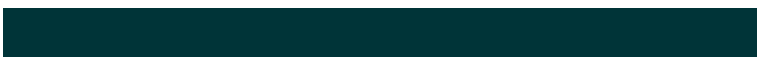
56.8119, 0.2643, 0.2806



17.7303, 0.2981, 0.3273



32.5212, 0.2187, 0.3072



2.7613, 0.2195, 0.3103

Inverse Universe

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



53.7298, 0.3202, 0.2595



54.3423, 0.3220, 0.2450



68.2626, 0.3667, 0.3730



16.0114, 0.3149, 0.3073



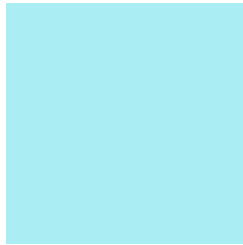
13.0764, 0.3391, 0.1642



1.0935, 0.3365, 0.1627

Previews

White Background



This preview shows how the Yxy color 75.5252, 0.2691, 0.3232 looks on a white background.

Color Contrast Check

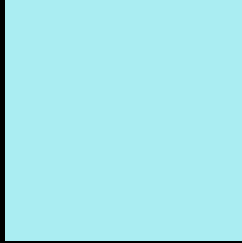
Large Text (above 18pt) WCAG AA × Fail

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 75.5252, 0.2691, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

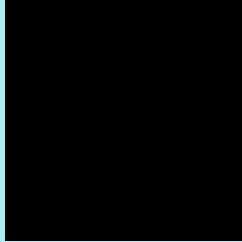
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5252, 0.2691, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 75.5252, 0.2691, 0.3232.

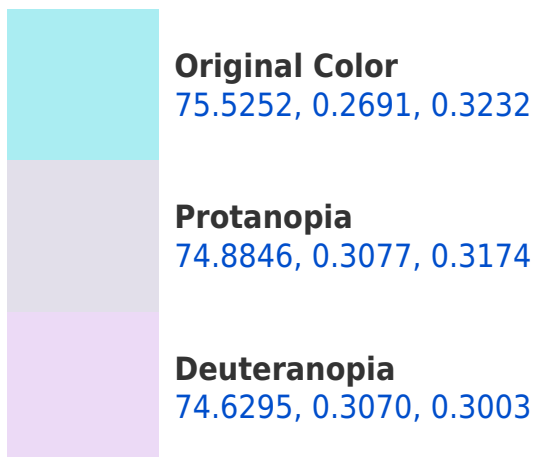


This preview shows how white text looks on a background with the Yxy color 75.5252, 0.2691, 0.3232.

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

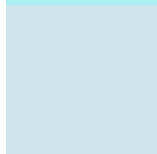
75.4567, 0.2644, 0.3077

Trichromacy



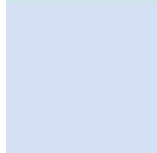
Original Color

75.5252, 0.2691, 0.3232



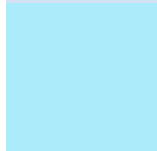
Protanomaly

74.7230, 0.2925, 0.3191



Deuteranomaly

74.4400, 0.2915, 0.3076



Tritanomaly

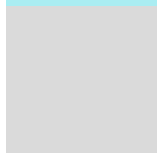
75.6637, 0.2660, 0.3132

Monochromacy



Original Color

75.5252, 0.2691, 0.3232



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

71.8140, 0.2952, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5252, 0.2691, 0.3232 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, 237, 242)` looks like.

```
.text, #text, p{  
    color:rgb(170, 237, 242)  
}
```

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, 237, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 237, 242) }
```

Border

The CSS property to change the border of an element to Yxy 75.5252, 0.2691, 0.3232 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, 237, 242) }
```

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

```
.border{ border-color:rgb(170, 237, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 237, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 237, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 237, 242);  
box-shadow:4px 4px 4px 4px rgb(170, 237,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5252, 0.2691, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 237, 242) }
```

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

```
.background{ background-color: rgb(170,  
237, 242) }
```

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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