

Converting Colors

$Yxy(75.2616, 0.2730, 0.3290)$

Have a look what the booklet for
Yxy(75.2616, 0.2730, 0.3290)
contains.

Yxy(75.4535, 0.2728, 0.3289)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.4535, 0.2728, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	ACEDED
RGB	172, 237, 237
RGB Percent	67%, 93%, 93%
CMY	0.3254, 0.0706, 0.0706
CMYK	0.27, 0.00, 0.00, 0.07
HSL	180°, 64%, 80%
HSV	180°, 27%, 93%
XYZ	62.5835, 75.4535, 91.3747
YIQ	217.5650, -38.7400, -13.7800

Conversions

Conversions Part 2

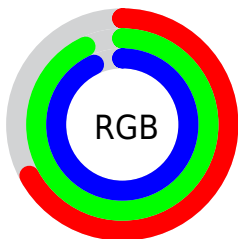
Format	Color
RYB	172, 205, 237
Decimal	11333101
CIELab	89.60, -20.21, -6.57
CIELCh	90, 21.247, 198.013
Yxy	75.4535, 0.2728, 0.3289
Android (android.graphics.Color)	4289523181 (0xFFACEDED)
YUV	217.5650, 9.5815, -39.9605
Hunter-Lab	86.8640, -23.4068, -1.5640

Details

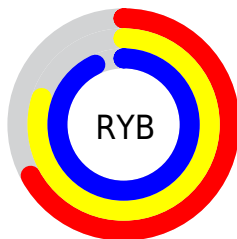
The Yxy color **75.4535, 0.2728, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **50.4953, 0.3724, 0.3292**, and the grayscale version is **69.7518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **40.1659, 0.2636, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **73.0091, 0.2605, 0.3289**, and if you desaturate by 10%, it is **78.3822, 0.2865, 0.3289**.

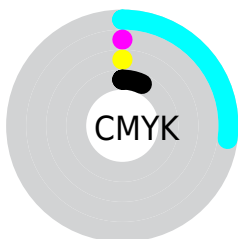
Distribution



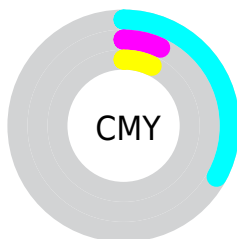
- Red (67%)
- Green (93%)
- Blue (93%)



- Red (67%)
- Yellow (80%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)





- Cyan (33%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4535, 0.2728, 0.3289 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 75.4535, 0.2728, 0.3289 by changing the saturation by 10% instead.


 75.4535, 0.2728,
0.3289

 75.4535, 0.2728,
0.3289

479.4749, 0.2910,
0.3292

 55.9845, 0.2687,
0.3288


 126.9541, 0.2790,
0.3291

 40.1905, 0.2637,
0.3286


159.7545, 0.2815,
0.3291

 27.6871, 0.2575,
0.3283

197.7675, 0.2836,
0.3291

 18.0899, 0.2494,
0.3278

241.3774, 0.2854,
0.3292

 11.0146, 0.2386,
0.3270

290.9687, 0.2871,
0.3292

 6.0766, 0.2235,
0.3256

346.9258, 0.2885,

 2.8917, 0.2008,

0.3292

409.6331, 0.2898,
0.3292

0.3226

1.0755, 0.1536,
0.3193

0.0000, 0.0000,
0.0000

75.4535, 0.2728,
0.3289

75.4535, 0.2728,
0.3289

73.0091, 0.2605,
0.3289

78.3822, 0.2865,
0.3289

71.0145, 0.2499,
0.3289


81.8095, 0.3012,
0.3290


69.4449, 0.2411,
0.3288


85.7606, 0.3168,
0.3290

68.2695, 0.2343,
0.3288

87.9458, 0.3248,
0.3290


 67.4533, 0.2294,
0.3288


 87.9462, 0.3248,
0.3290

 66.9553, 0.2264,
0.3288

 87.9466, 0.3248,
0.3290

 66.7212, 0.2249,
0.3288

 87.9469, 0.3248,
0.3290

 66.6816, 0.2247,
0.3288

 87.9473, 0.3248,
0.3290

 87.9477, 0.3248,
0.3290

Harmonies

Analogous

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



75.4535, 0.2911, 0.3524



75.4535, 0.2728, 0.3289



75.4535, 0.2650, 0.3066

Triad

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



75.4535, 0.2728, 0.3289



75.4535, 0.3081, 0.2926



75.4535, 0.3577, 0.3656

Complementary

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



75.4535, 0.2728, 0.3289



50.4953, 0.3724, 0.3292

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.



75.4535, 0.3630, 0.3482



75.4535, 0.2728, 0.3289



75.4535, 0.3337, 0.3071

Square

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



75.4535, 0.2728, 0.3289



75.4535, 0.2847, 0.2869



75.4535, 0.3541, 0.3270



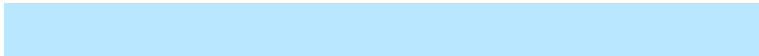
75.4535, 0.3402, 0.3738

Rectangle

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



75.4535, 0.2728, 0.3289



75.4535, 0.2664, 0.2956



75.4535, 0.3541, 0.3270



75.4535, 0.3610, 0.3606

Sweetspot

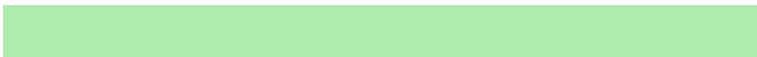
The Sweet Spot groups the original color and five complimentary colors.



75.4565, 0.2728, 0.3289



96.3338, 0.3003, 0.3290



72.4451, 0.3097, 0.4080



20.4814, 0.2980, 0.3290



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.



75.4565, 0.2728, 0.3289



87.3796, 0.2656, 0.3289



58.8333, 0.2691, 0.2916



17.1218, 0.2981, 0.3290



36.4043, 0.2247, 0.3288



2.8586, 0.2247, 0.3288

Inverse Universe

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



50.4953, 0.3724, 0.3292



53.2646, 0.3901, 0.3292



63.8975, 0.3632, 0.3636



15.0541, 0.3293, 0.3290



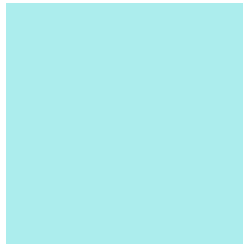
9.8299, 0.6400, 0.3300



0.7719, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 75.4535, 0.2728, 0.3289 looks on a white background.

Color Contrast Check

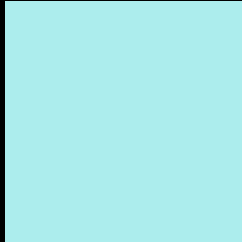
Large Text (above 18pt) WCAG AA × Fail

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 75.4535, 0.2728, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

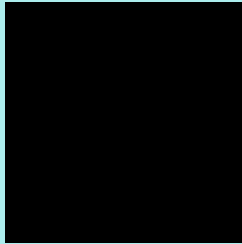
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4535, 0.2728, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 75.4535, 0.2728, 0.3289.

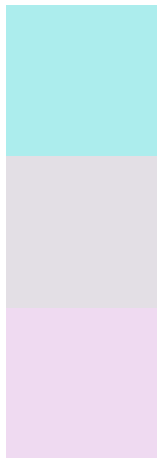


This preview shows how white text looks on a background with the Yxy color 75.4535, 0.2728, 0.3289.

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

75.4535, 0.2728, 0.3289

Protanopia

74.7634, 0.3116, 0.3226

Deuteranopia

74.8444, 0.3124, 0.3055



Tritanopia

75.1676, 0.2664, 0.3078

Trichromacy



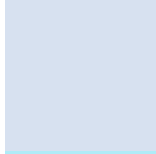
Original Color

75.4535, 0.2728, 0.3289



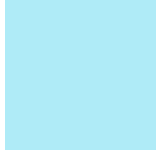
Protanomaly

74.5784, 0.2961, 0.3246



Deuteranomaly

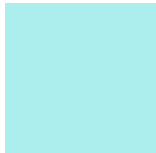
74.5888, 0.2965, 0.3129



Tritanomaly

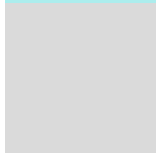
75.2460, 0.2690, 0.3154

Monochromacy



Original Color

75.4535, 0.2728, 0.3289



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

71.7042, 0.2964, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4535, 0.2728, 0.3289 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(172, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(172, 237, 237)  
}
```

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(172, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 237, 237) }
```

Border

The CSS property to change the border of an element to Yxy 75.4535, 0.2728, 0.3289 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(172, 237, 237) }
```

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

```
.border{ border-color:rgb(172, 237, 237) }
```

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

Here you see how a box with a 4 pixel rgb(172, 237, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(172, 237,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4535, 0.2728, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 237, 237) }
```

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

```
.background{ background-color: rgb(172,  
237, 237) }
```

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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