

Converting Colors

$Yxy(72.1108, 0.2672, 0.3251)$

Have a look what the booklet for
Yxy(72.1108, 0.2672, 0.3251)
contains.

Yxy(72.0153, 0.2674, 0.3254)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.0153, 0.2674, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	A2E9EC
RGB	162, 233, 236
RGB Percent	64%, 91%, 93%
CMY	0.3646, 0.0863, 0.0746
CMYK	0.31, 0.01, 0.00, 0.07
HSL	182°, 66%, 78%
HSV	182°, 31%, 93%
XYZ	59.1791, 72.0153, 90.1187
YIQ	212.1130, -43.2790, -14.1190

Conversions

Conversions Part 2

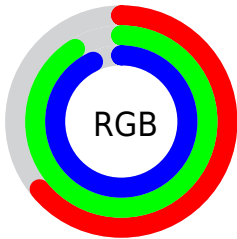
Format	Color
RYB	162, 198, 236
Decimal	10676716
CIELab	87.98, -21.22, -8.51
CIELCh	88, 22.862, 201.855
Yxy	72.0153, 0.2674, 0.3254
Android (android.graphics.Color)	4288866796 (0xFFA2E9EC)
YUV	212.1130, 11.7763, -43.9491
Hunter-Lab	84.8618, -24.0297, -3.5595

Details

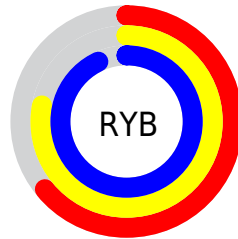
The Yxy color **72.0153, 0.2674, 0.3254** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.3459, 0.3833, 0.3326**, and the grayscale version is **65.8624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **37.8654, 0.2571, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **69.2385, 0.2554, 0.3241**, and if you desaturate by 10%, it is **75.2644, 0.2808, 0.3266**.

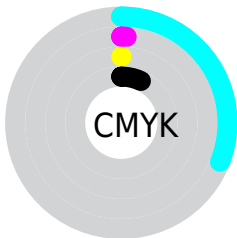
Distribution



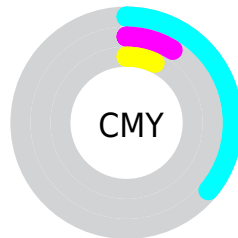
- Red (64%)
- Green (91%)
- Blue (93%)



- Red (64%)
- Yellow (78%)
- Blue (93%)



- Cyan (31%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)





- Cyan (36%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0153, 0.2674, 0.3254 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 72.0153, 0.2674, 0.3254 by changing the saturation by 10% instead.


 72.0153, 0.2674,
0.3254


 72.0153, 0.2674,
0.3254


467.5949, 0.2881,
0.3274

 53.1712, 0.2627,
0.3248


 122.0783, 0.2745,
0.3262

 37.9394, 0.2570,
0.3241


 154.0659, 0.2773,
0.3265

 25.9357, 0.2498,
0.3231


191.2035, 0.2797,
0.3267

 16.7755, 0.2405,
0.3217

233.8755, 0.2818,
0.3269

 10.0746, 0.2280,
0.3196

282.4662, 0.2837,
0.3271

 5.4484, 0.2104,
0.3161

337.3601, 0.2853,

 2.5127, 0.1840,

0.3272

0.3096

398.9415, 0.2868,
0.3273

0.8830, 0.1112,
0.3055

0.0000, 0.0000,
0.0000

72.0153, 0.2674,
0.3254

72.0153, 0.2674,
0.3254

69.2385, 0.2554,
0.3241

75.2644, 0.2808,
0.3266

66.8994, 0.2450,
0.3228

79.0013, 0.2953,
0.3278

64.9723, 0.2365,
0.3214

83.2509, 0.3106,
0.3289

63.4253, 0.2300,
0.3200

87.7659, 0.3255,
0.3298

■ 62.2217, 0.2253,
0.3187

■ 88.3159, 0.3254,
0.3308

■ 61.3177, 0.2225,
0.3174

■ 88.8689, 0.3253,
0.3317

■ 60.7153, 0.2212,
0.3162

■ 89.4247, 0.3252,
0.3326

■ 89.9835, 0.3251,
0.3335

■ 90.5452, 0.3250,
0.3345

Harmonies

Analogous

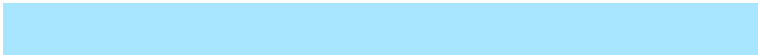
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0153, 0.2860, 0.3516



72.0153, 0.2674, 0.3254



72.0153, 0.2606, 0.3018

Triad

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



72.0153, 0.2674, 0.3254



72.0153, 0.3112, 0.2910



72.0153, 0.3600, 0.3707

Complementary

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



72.0153, 0.2674, 0.3254



47.3459, 0.3833, 0.3326

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.



72.0153, 0.3678, 0.3526



72.0153, 0.2674, 0.3254



72.0153, 0.3390, 0.3076

Square

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



72.0153, 0.2674, 0.3254



72.0153, 0.2850, 0.2834



72.0153, 0.3600, 0.3297



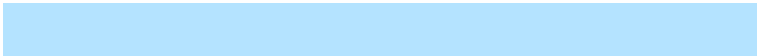
72.0153, 0.3395, 0.3783

Rectangle

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



72.0153, 0.2674, 0.3254



72.0153, 0.2633, 0.2907



72.0153, 0.3600, 0.3297



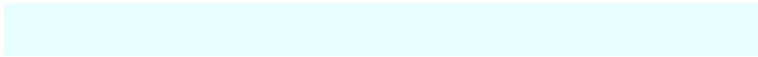
72.0153, 0.3643, 0.3656

Sweetspot

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



72.0182, 0.2674, 0.3254



95.3171, 0.2988, 0.3280



70.3586, 0.3070, 0.4183



20.2500, 0.2966, 0.3279



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.



72.0182, 0.2674, 0.3254



83.5595, 0.2590, 0.3245



53.4591, 0.2621, 0.2808



17.0120, 0.2981, 0.3280



33.5228, 0.2212, 0.3164



2.6647, 0.2217, 0.3183

Inverse Universe

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



49.5601, 0.3188, 0.2539



52.7195, 0.3203, 0.2381



62.4279, 0.3708, 0.3727



15.3027, 0.3144, 0.3067



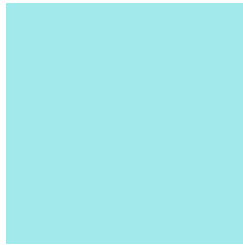
12.8770, 0.3312, 0.1598



1.0144, 0.3297, 0.1590

Previews

White Background



This preview shows how the Yxy color 72.0153, 0.2674, 0.3254 looks on a white background.

Color Contrast Check

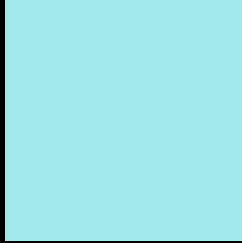
Large Text (above 18pt) WCAG AA × Fail

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 72.0153, 0.2674, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

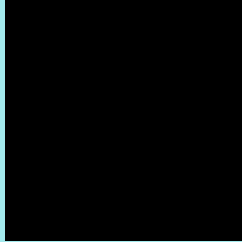
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.0153, 0.2674, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 72.0153, 0.2674, 0.3254.

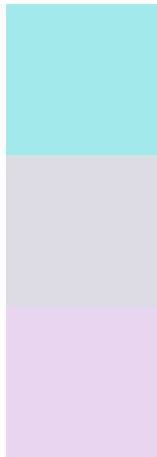


This preview shows how white text looks on a background with the Yxy color 72.0153, 0.2674, 0.3254.

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

72.0153, 0.2674, 0.3254

Protanopia

71.5812, 0.3089, 0.3203

Deuteranopia

71.5402, 0.3083, 0.3019



Tritanopia

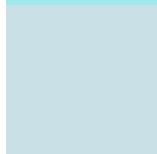
71.9907, 0.2621, 0.3083

Trichromacy



Original Color

72.0153, 0.2674, 0.3254



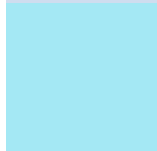
Protanomaly

71.3038, 0.2927, 0.3222



Deuteranomaly

71.2103, 0.2917, 0.3093



Tritanomaly

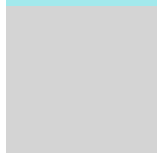
72.1374, 0.2642, 0.3151

Monochromacy



Original Color

72.0153, 0.2674, 0.3254



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

67.8762, 0.2941, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0153, 0.2674, 0.3254 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(162, 233, 236)` looks like.

```
.text, #text, p{  
    color:rgb(162, 233, 236)  
}
```

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(162, 233, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 233, 236) }
```

Border

The CSS property to change the border of an element to Yxy 72.0153, 0.2674, 0.3254 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(162, 233, 236) }
```

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

```
.border{ border-color:rgb(162, 233, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 233, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 233, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 233, 236);  
box-shadow:4px 4px 4px 4px rgb(162, 233,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0153, 0.2674, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 233, 236) }
```

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

```
.background{ background-color: rgb(162,  
233, 236) }
```

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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