

Converting Colors

$Yxy(76.3034, 0.2738, 0.3578)$

Have a look what the booklet for
Yxy(76.3034, 0.2738, 0.3578)
contains.

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Color

Yxy(76.1842, 0.2737, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	9BF3DB
RGB	155, 243, 219
RGB Percent	61%, 95%, 86%
CMY	0.3924, 0.0470, 0.1412
CMYK	0.36, 0.00, 0.10, 0.05
HSL	164°, 79%, 78%
HSV	164°, 36%, 95%
XYZ	58.3425, 76.1842, 78.6356
YIQ	213.9520, -44.7440, -26.1200

Conversions

Conversions Part 2

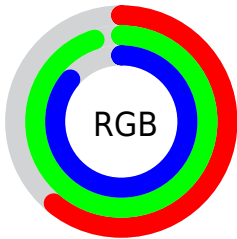
Format	Color
R _Y B	155, 206, 243
Decimal	10220507
CIE Lab	89.94, -31.73, 3.22
CIE LCh	90, 31.891, 174.197
Yxy	76.1842, 0.2737, 0.3574
Android (android.graphics.Color)	4288410587 (0xFF9BF3DB)
YUV	213.9520, 2.4887, -51.7009
Hunter-Lab	87.2836, -33.4324, 7.6829

Details

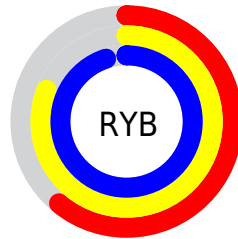
The Yxy color **76.1842, 0.2737, 0.3574** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **45.7316, 0.3762, 0.3028**, and the grayscale version is **67.2079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **40.4508, 0.2644, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **73.6789, 0.2652, 0.3667**, and if you desaturate by 10%, it is **79.1933, 0.2834, 0.3487**.

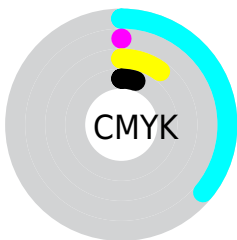
Distribution



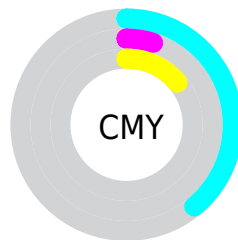
- Red (61%)
- Green (95%)
- Blue (86%)



- Red (61%)
- Yellow (81%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)





- Cyan (39%)
- Magenta (5%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1842, 0.2737, 0.3574 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 76.1842, 0.2737, 0.3574 by changing the saturation by 10% instead.


 76.1842, 0.2737,
0.3574


 76.1842, 0.2737,
0.3574


481.9780, 0.2917,
0.3442

 56.5836, 0.2696,
0.3604


 127.9872, 0.2799,
0.3528

 40.6710, 0.2646,
0.3642


 160.9585, 0.2823,
0.3510

 28.0621, 0.2583,
0.3690


199.1553, 0.2844,
0.3495

 18.3725, 0.2500,
0.3752

242.9622, 0.2862,
0.3482

 11.2177, 0.2389,
0.3838

292.7635, 0.2878,
0.3470

 6.2135, 0.2230,
0.3962


348.9437, 0.2893,


 2.9753, 0.1987,


0.3460


0.4157


411.8870, 0.2905,
0.3450


 1.1189, 0.1150,
0.4733


 0.0000, 0.0000,
0.0000

 76.1842, 0.2737,
0.3574

 76.1842, 0.2737,
0.3574


 73.6789, 0.2652,
0.3667

 79.1933, 0.2834,
0.3487


 71.6389, 0.2583,
0.3766


 82.7238, 0.2941,
0.3406


 70.0346, 0.2532,
0.3868


 86.8039, 0.3054,
0.3332


 68.8293, 0.2501,
0.3971


 91.4569, 0.3171,
0.3266

 67.9800, 0.2490,
0.4075

 92.4087, 0.3150,
0.3202

 67.4333, 0.2498,
0.4178

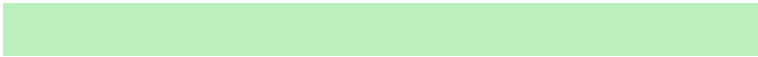
 92.5917, 0.3133,
0.3175

 67.2745, 0.2505,
0.4216

Harmonies

Analogous

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



76.1842, 0.3086, 0.3867



76.1842, 0.2737, 0.3574



76.1842, 0.2501, 0.3205

Triad

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



76.1842, 0.2737, 0.3574



76.1842, 0.2773, 0.2680



76.1842, 0.3883, 0.3623

Complementary

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



76.1842, 0.2737, 0.3574



45.7316, 0.3762, 0.3028

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.



76.1842, 0.3794, 0.3316



76.1842, 0.2737, 0.3574



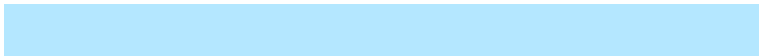
76.1842, 0.3133, 0.2794

Square

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



76.1842, 0.2737, 0.3574



76.1842, 0.2521, 0.2709



76.1842, 0.3512, 0.3021



76.1842, 0.3755, 0.3868

Rectangle

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



76.1842, 0.2737, 0.3574



76.1842, 0.2431, 0.2984



76.1842, 0.3512, 0.3021



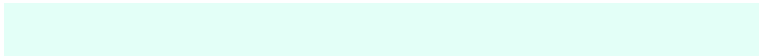
76.1842, 0.3877, 0.3523

Sweetspot

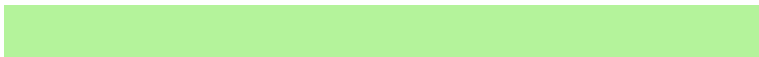
The Sweet Spot groups the original color and five complimentary colors.



76.1873, 0.2737, 0.3574



94.5796, 0.2999, 0.3367



76.1662, 0.3232, 0.4337



20.1124, 0.2984, 0.3377



0.0000, 0.0000, 0.0000



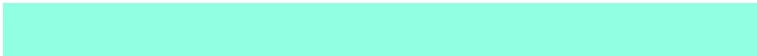
21.4041, 0.3127, 0.3290

Same Dimension

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



76.1873, 0.2737, 0.3574



83.0123, 0.2677, 0.3638



66.7092, 0.2587, 0.3064



18.6761, 0.3017, 0.3355



36.9405, 0.2500, 0.4200



3.2639, 0.2464, 0.4071

Inverse Universe

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



45.7316, 0.3762, 0.3028



44.7236, 0.3943, 0.2979



51.7012, 0.3930, 0.3502



16.5568, 0.3251, 0.3226



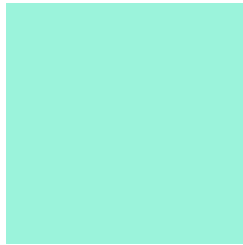
10.6951, 0.5857, 0.3000



0.9566, 0.5504, 0.2806

Previews

White Background



This preview shows how the Yxy color 76.1842, 0.2737, 0.3574 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 76.1842, 0.2737, 0.3574 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

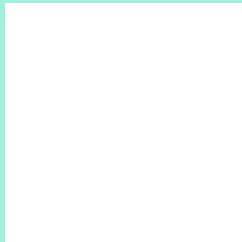
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1842, 0.2737, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 76.1842, 0.2737, 0.3574.

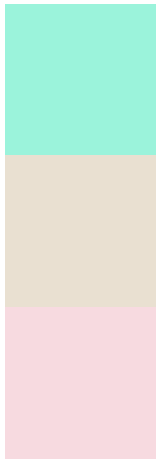


This preview shows how white text looks on a background with the Yxy color 76.1842, 0.2737, 0.3574.

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

76.1842, 0.2737, 0.3574

Protanopia

75.2384, 0.3291, 0.3450

Deuteranopia

75.2988, 0.3297, 0.3229



Tritanopia

76.1132, 0.2616, 0.3088

Trichromacy



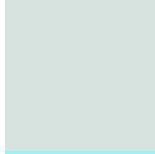
Original Color

76.1842, 0.2737, 0.3574



Protanomaly

74.9351, 0.3064, 0.3491



Deuteranomaly

74.5082, 0.3070, 0.3345



Tritanomaly

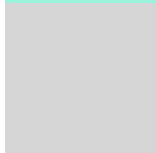
75.9303, 0.2657, 0.3254

Monochromacy



Original Color

76.1842, 0.2737, 0.3574



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

70.1458, 0.2966, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1842, 0.2737, 0.3574 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(155, 243, 219)` looks like.

```
.text, #text, p{  
    color:rgb(155, 243, 219)  
}
```

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(155, 243, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 243, 219) }
```

Border

The CSS property to change the border of an element to Yxy 76.1842, 0.2737, 0.3574 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(155, 243, 219) }
```

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

```
.border{ border-color:rgb(155, 243, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 243, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 243, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 243, 219);  
box-shadow:4px 4px 4px 4px rgb(155, 243,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1842, 0.2737, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 243, 219) }
```

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

```
.background{ background-color: rgb(155,  
243, 219) }
```

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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