

Converting Colors

$Yxy(79.4354, 0.2608, 0.3403)$

Have a look what the booklet for
Yxy(79.4354, 0.2608, 0.3403)
contains.

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Color

Yxy(79.4188, 0.2609, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	92F8EE
RGB	146, 248, 238
RGB Percent	57%, 97%, 93%
CMY	0.4270, 0.0275, 0.0666
CMYK	0.41, 0.00, 0.04, 0.03
HSL	174°, 88%, 77%
HSV	174°, 41%, 97%
XYZ	60.8706, 79.4188, 93.0208
YIQ	216.3620, -57.5820, -24.7340

Conversions

Conversions Part 2

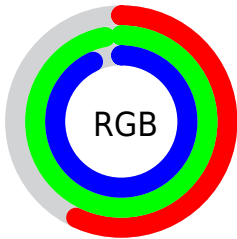
Format	Color
R_{YB}	146, 200, 248
Decimal	9631982
CIE _{Lab}	91.42, -32.05, -4.56
CIE _{LCh}	91, 32.372, 188.100
Y _{xy}	79.4188, 0.2609, 0.3404
Android (android.graphics.Color)	4287822062 (0xFF92F8EE)
YUV	216.3620, 10.6675, -61.7075
Hunter-Lab	89.1172, -34.0325, 0.4950

Details

The Yxy color **79.4188, 0.2609, 0.3404** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **42.9511, 0.4080, 0.3185**, and the grayscale version is **68.9042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **42.7137, 0.2494, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **77.2465, 0.2517, 0.3436**, and if you desaturate by 10%, it is **82.0923, 0.2717, 0.3373**.

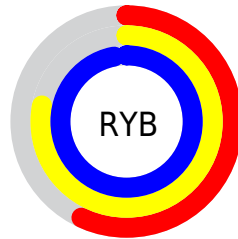
Distribution



Red (57%)

Green (97%)

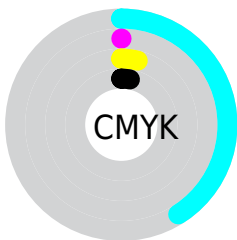
Blue (93%)



Red (57%)

Yellow (78%)

Blue (97%)

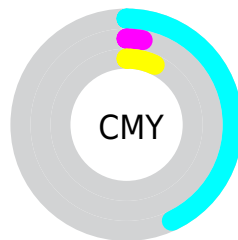


Cyan (41%)

Magenta (0%)

Yellow (4%)

Black (3%)



Cyan (43%)


Magenta (3%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.4188, 0.2609, 0.3404 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 79.4188, 0.2609, 0.3404 by changing the saturation by 10% instead.

 79.4188, 0.2609,
0.3404


 79.4188, 0.2609,
0.3404


492.9720, 0.2842,
0.3355

 59.2402, 0.2557,
0.3414

 132.5483, 0.2689,
0.3388

 42.8065, 0.2494,
0.3426


 166.2680, 0.2720,
0.3381

 29.7333, 0.2416,
0.3441


205.2701, 0.2747,
0.3376

 19.6363, 0.2315,
0.3458

249.9392, 0.2771,
0.3371

 12.1309, 0.2182,
0.3480

300.6595, 0.2792,
0.3366

 6.8329, 0.1999,
0.3507


357.8155, 0.2811,


 3.3578, 0.1731,


0.3362


421.7915, 0.2827,
0.3359


0.3539


 1.3213, 0.1154,
0.3633


 0.1576, 0.0000,
0.2432


 79.4188, 0.2609,
0.3404


 79.4188, 0.2609,
0.3404


 77.2465, 0.2517,
0.3436


 82.0923, 0.2717,
0.3373


 75.5337, 0.2443,
0.3470

 85.2869, 0.2839,
0.3344


 74.2478, 0.2388,
0.3504

 89.0328, 0.2972,
0.3317

 73.3472, 0.2353,
0.3538

 93.3550, 0.3112,
0.3293

 72.7826, 0.2336,
0.3571

 95.2979, 0.3159,
0.3269

 72.4926, 0.2334,
0.3601

 95.4513, 0.3145,
0.3246

 95.6062, 0.3130,
0.3223

Harmonies

Analogous

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



79.4188, 0.2915, 0.3750



79.4188, 0.2609, 0.3404



79.4188, 0.2443, 0.3046

Triad

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



79.4188, 0.2609, 0.3404



79.4188, 0.2930, 0.2716



79.4188, 0.3850, 0.3749

Complementary

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



79.4188, 0.2609, 0.3404



42.9511, 0.4080, 0.3185

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.



79.4188, 0.3863, 0.3461



79.4188, 0.2609, 0.3404



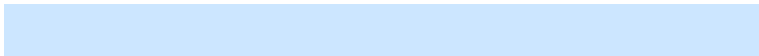
79.4188, 0.3314, 0.2887

Square

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



79.4188, 0.2609, 0.3404



79.4188, 0.2620, 0.2676



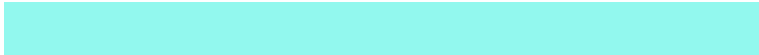
79.4188, 0.3663, 0.3152



79.4188, 0.3635, 0.3939

Rectangle

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



79.4188, 0.2609, 0.3404



79.4188, 0.2427, 0.2859



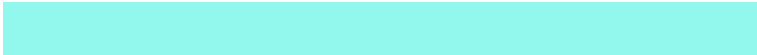
79.4188, 0.3663, 0.3152



79.4188, 0.3879, 0.3660

Sweetspot

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



79.4219, 0.2609, 0.3404



94.4599, 0.2959, 0.3320



76.3035, 0.3126, 0.4541



20.1008, 0.2941, 0.3323



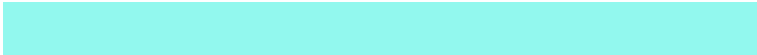
0.0000, 0.0000, 0.0000



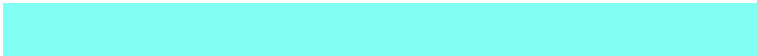
21.4041, 0.3127, 0.3290

Same Dimension

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



79.4219, 0.2609, 0.3404



82.7270, 0.2534, 0.3430



57.6395, 0.2484, 0.2797



19.5776, 0.2993, 0.3313



39.1773, 0.2332, 0.3596



3.6367, 0.2321, 0.3555

Inverse Universe

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



42.9511, 0.4080, 0.3185



39.2000, 0.4374, 0.3168



57.5162, 0.3996, 0.3729



17.2528, 0.3279, 0.3267



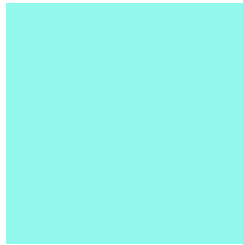
10.8257, 0.6290, 0.3239



1.0116, 0.6070, 0.3118

Previews

White Background



This preview shows how the Yxy color 79.4188, 0.2609, 0.3404 looks on a white background.

Color Contrast Check

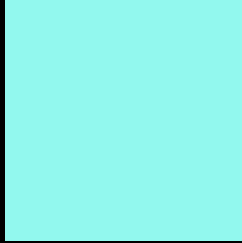
Large Text (above 18pt) WCAG AA × Fail

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 79.4188, 0.2609, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

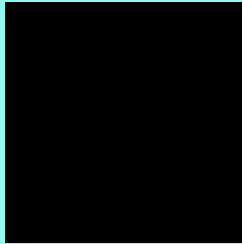
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.4188, 0.2609, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 79.4188, 0.2609, 0.3404.

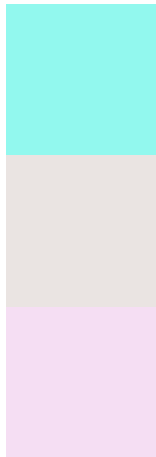


This preview shows how white text looks on a background with the Yxy color 79.4188, 0.2609, 0.3404.

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

79.4188, 0.2609, 0.3404

Protanopia

78.4702, 0.3182, 0.3311

Deuteranopia

78.1261, 0.3151, 0.3079



Tritanopia

79.0052, 0.2672, 0.3124

Trichromacy



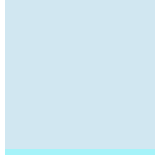
Original Color

79.4188, 0.2609, 0.3404



Protanomaly

77.6864, 0.2942, 0.3344



Deuteranomaly

77.0580, 0.2921, 0.3182



Tritanomaly

79.0477, 0.2644, 0.3221

Monochromacy



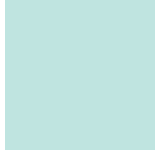
Original Color

79.4188, 0.2609, 0.3404



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

71.9450, 0.2906, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4188, 0.2609, 0.3404 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(146, 248, 238)` looks like.

```
.text, #text, p{  
    color:rgb(146, 248, 238)  
}
```

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(146, 248, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 248, 238) }
```

Border

The CSS property to change the border of an element to Yxy 79.4188, 0.2609, 0.3404 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(146, 248, 238) }
```

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

```
.border{ border-color:rgb(146, 248, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 248, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 248, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 248, 238); box-shadow:4px 4px 4px 4px rgb(146, 248, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4188, 0.2609, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 248, 238) }
```

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

```
.background{ background-color: rgb(146,  
248, 238) }
```

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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