

Converting Colors

$Yxy(76.9955, 0.2932, 0.4205)$

Have a look what the booklet for
Yxy(76.9955, 0.2932, 0.4205)
contains.

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Color

Yxy(77.1424, 0.2932, 0.4202)

Conversions

Conversions Part 1

Format	Color
Hex	94F9AF
RGB	148, 249, 175
RGB Percent	58%, 98%, 69%
CMY	0.4196, 0.0235, 0.3137
CMYK	0.41, 0.00, 0.30, 0.02
HSL	136°, 89%, 78%
HSV	136°, 41%, 98%
XYZ	53.8271, 77.1424, 52.6154
YIQ	210.3650, -36.4420, -44.4260

Conversions

Conversions Part 2

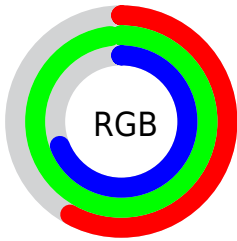
Format	Color
RYB	148, 228, 249
Decimal	9763247
CIELab	90.39, -44.89, 26.48
CIELCh	90, 52.120, 149.464
Yxy	77.1424, 0.2932, 0.4202
Android (android.graphics.Color)	4287953327 (0xFF94F9AF)
YUV	210.3650, -17.4349, -54.6941
Hunter-Lab	87.8307, -44.3100, 25.9636

Details

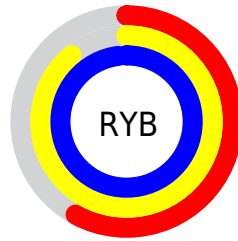
The Yxy color **77.1424, 0.2932, 0.4202** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **46.5946, 0.3411, 0.2529**, and the grayscale version is **64.8383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2687, 0.2959, 0.3544**, and **41.3286, 0.2869, 0.4444** is the 20% darker color. If you saturate the color by 10%, you get **74.3988, 0.2897, 0.4478**, and if you desaturate by 10%, it is **80.4886, 0.2975, 0.3942**.

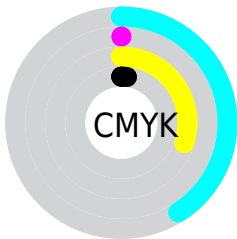
Distribution



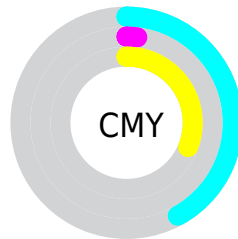
- Red (58%)
- Green (98%)
- Blue (69%)



- Red (58%)
- Yellow (89%)
- Blue (98%)



- Cyan (41%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)




- Cyan (42%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.1424, 0.2932, 0.4202 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 77.1424, 0.2932, 0.4202 by changing the saturation by 10% instead.


 77.1424, 0.2932,
0.4202

 77.1424, 0.2932,
0.4202


485.2494, 0.3034,
0.3759

 57.3698, 0.2905,
0.4308

 129.3405, 0.2970,
0.4045

 41.3022, 0.2871,
0.4441


 162.5347, 0.2984,
0.3984

 28.5553, 0.2825,
0.4614


200.9716, 0.2996,
0.3933

 18.7447, 0.2760,
0.4845

245.0355, 0.3006,
0.3889

 11.4859, 0.2663,
0.5169

295.1108, 0.3014,
0.3850

 6.3947, 0.2505,
0.5653

351.5820, 0.3022,

 3.0865, 0.2241,

0.3816

414.8334, 0.3029,
0.3786

0.6485

1.1771, 0.0000,
1.0000

0.0429, 0.0000,
1.0000

77.1424, 0.2932,
0.4202

77.1424, 0.2932,
0.4202

74.3988, 0.2897,
0.4478

80.4886, 0.2975,
0.3942

72.2121, 0.2872,
0.4761

84.4609, 0.3023,
0.3704

70.5452, 0.2862,
0.5040

89.0932, 0.3074,
0.3490

69.3523, 0.2867,
0.5300

94.4139, 0.3124,
0.3300

■ 68.5790, 0.2887,
0.5526

■ 96.2339, 0.3130,
0.3233

■ 68.1542, 0.2916,
0.5699

Harmonies

Analogous

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



77.1424, 0.3533, 0.4417



77.1424, 0.2932, 0.4202



77.1424, 0.2414, 0.3647

Triad

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



77.1424, 0.2932, 0.4202



77.1424, 0.2228, 0.2351



77.1424, 0.4270, 0.3385

Complementary

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



77.1424, 0.2932, 0.4202



46.5946, 0.3411, 0.2529

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.



77.1424, 0.3849, 0.2932



77.1424, 0.2932, 0.4202



77.1424, 0.2644, 0.2363

Square

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



77.1424, 0.2932, 0.4202



77.1424, 0.2041, 0.2567



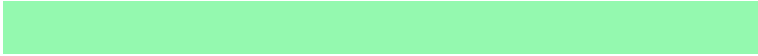
77.1424, 0.3234, 0.2571



77.1424, 0.4336, 0.3855

Rectangle

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



77.1424, 0.2932, 0.4202



77.1424, 0.2179, 0.3221



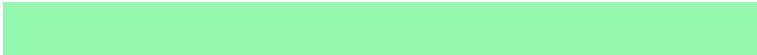
77.1424, 0.3234, 0.2571



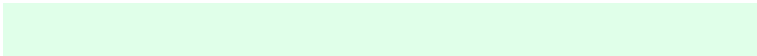
77.1424, 0.4164, 0.3228

Sweetspot

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



77.1456, 0.2932, 0.4202



93.2907, 0.3066, 0.3520



85.4328, 0.3545, 0.4367



19.8254, 0.3060, 0.3547



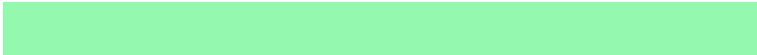
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



77.1456, 0.2932, 0.4202



78.9308, 0.2901, 0.4436



79.5101, 0.2679, 0.3566



19.3855, 0.3079, 0.3469



36.5006, 0.2909, 0.5672



3.3974, 0.2846, 0.5445

Inverse Universe

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



46.5946, 0.3411, 0.2529



42.4903, 0.3492, 0.2379



44.2830, 0.3917, 0.3039



17.4407, 0.3179, 0.3118



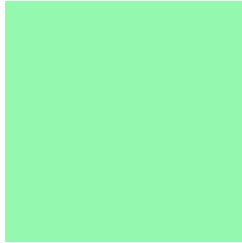
12.6224, 0.4027, 0.1992



1.1866, 0.3907, 0.1926

Previews

White Background



This preview shows how the Yxy color 77.1424, 0.2932, 0.4202 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 77.1424, 0.2932, 0.4202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

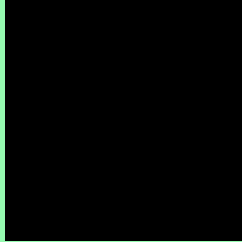
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.1424, 0.2932, 0.4202

Background



This preview shows how black text looks on a background with the Yxy color 77.1424, 0.2932, 0.4202.

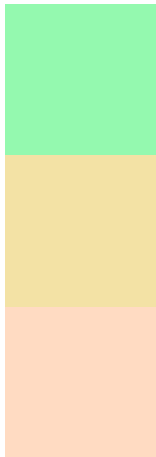


This preview shows how white text looks on a background with the Yxy color 77.1424, 0.2932, 0.4202.

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

77.1424, 0.2932, 0.4202

Protanopia

76.1640, 0.3663, 0.3933

Deuteranopia

75.8181, 0.3570, 0.3547



Tritanopia

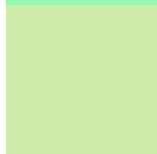
76.5590, 0.2637, 0.3089

Trichromacy



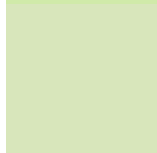
Original Color

77.1424, 0.2932, 0.4202



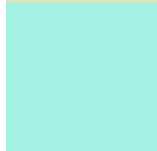
Protanomaly

75.1201, 0.3357, 0.4029



Deuteranomaly

74.7804, 0.3306, 0.3770



Tritanomaly

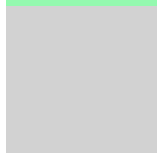
76.1881, 0.2741, 0.3464

Monochromacy



Original Color

77.1424, 0.2932, 0.4202



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

67.9073, 0.3043, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.1424, 0.2932, 0.4202 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(148, 249, 175)` looks like.

```
.text, #text, p{  
    color:rgb(148, 249, 175)  
}
```

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(148, 249, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 249, 175) }
```

Border

The CSS property to change the border of an element to Yxy 77.1424, 0.2932, 0.4202 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(148, 249, 175) }
```

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

```
.border{ border-color:rgb(148, 249, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 249, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 249, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 249, 175);  
box-shadow:4px 4px 4px 4px rgb(148, 249,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 77.1424, 0.2932, 0.4202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 249, 175) }
```

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

```
.background{ background-color: rgb(148,  
249, 175) }
```

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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