

Converting Colors

$Yxy(66.2518, 0.2886, 0.4072)$

Have a look what the booklet for
Yxy(66.2518, 0.2886, 0.4072)
contains.

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Color

Yxy(66.1808, 0.2890, 0.4074)

Conversions

Conversions Part 1

Format	Color
Hex	8BE8AC
RGB	139, 232, 172
RGB Percent	55%, 91%, 67%
CMY	0.4550, 0.0902, 0.3256
CMYK	0.40, 0.00, 0.26, 0.09
HSL	141°, 67%, 73%
HSV	141°, 40%, 91%
XYZ	46.9471, 66.1808, 49.3188
YIQ	197.3530, -36.1680, -38.3760

Conversions

Conversions Part 2

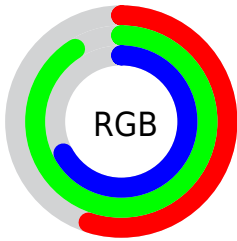
Format	Color
RYB	139, 208, 232
Decimal	9169068
CIELab	85.09, -40.49, 20.69
CIELCh	85, 45.469, 152.927
Yxy	66.1808, 0.2890, 0.4074
Android (android.graphics.Color)	4287359148 (0xFF8BE8AC)
YUV	197.3530, -12.4990, -51.1756
Hunter-Lab	81.3516, -39.3549, 21.0020

Details

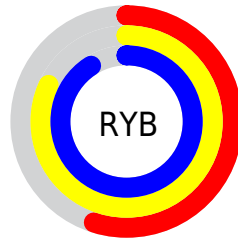
The Yxy color **66.1808, 0.2890, 0.4074** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **39.7431, 0.3487, 0.2623**, and the grayscale version is **56.1514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8572, 0.2923, 0.3581**, and **34.2216, 0.2820, 0.4303** is the 20% darker color. If you saturate the color by 10%, you get **63.8508, 0.2846, 0.4315**, and if you desaturate by 10%, it is **69.0048, 0.2943, 0.3849**.

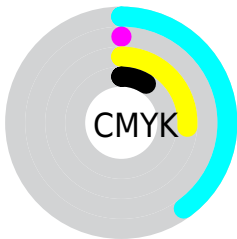
Distribution



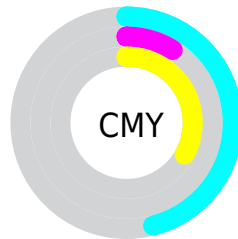
- Red (55%)
- Green (91%)
- Blue (67%)



- Red (55%)
- Yellow (82%)
- Blue (91%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (9%)





- Cyan (46%)
- Magenta (9%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1808, 0.2890, 0.4074 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 66.1808, 0.2890, 0.4074 by changing the saturation by 10% instead.


 66.1808, 0.2890,
0.4074


 66.1808, 0.2890,
0.4074


447.0232, 0.3011,
0.3685

 48.4192, 0.2859,
0.4170


 113.7458, 0.2935,
0.3934

 34.1590, 0.2819,
0.4291

 144.3180, 0.2951,
0.3881

 23.0157, 0.2766,
0.4451


179.9291, 0.2965,
0.3836

 14.6051, 0.2690,
0.4671

220.9636, 0.2977,
0.3797

 8.5427, 0.2578,
0.4989

267.8059, 0.2987,
0.3764

 4.4441, 0.2394,
0.5487

320.8403, 0.2996,

 1.9250, 0.2069,

0.3735

0.6646

380.4513, 0.3004,
0.3709

■ 0.5633, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 66.1808, 0.2890,
0.4074

■ 66.1808, 0.2890,
0.4074

■ 63.8508, 0.2846,
0.4315

■ 69.0048, 0.2943,
0.3849

■ 61.9775, 0.2815,
0.4566


■ 72.3413, 0.3002,
0.3642

■ 60.5312, 0.2800,
0.4818


■ 76.2178, 0.3064,
0.3457


■ 59.4749, 0.2802,
0.5062

■ 80.6573, 0.3127,
0.3291

 58.7651, 0.2822,
0.5286

 85.6817, 0.3189,
0.3146

 58.3314, 0.2856,
0.5481

 86.1978, 0.3138,
0.3068

Harmonies

Analogous

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



66.1808, 0.3444, 0.4317



66.1808, 0.2890, 0.4074



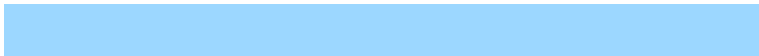
66.1808, 0.2426, 0.3551

Triad

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



66.1808, 0.2890, 0.4074



66.1808, 0.2329, 0.2412



66.1808, 0.4201, 0.3435

Complementary

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



66.1808, 0.2890, 0.4074



39.7431, 0.3487, 0.2623

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.



66.1808, 0.3848, 0.3007



66.1808, 0.2890, 0.4074



66.1808, 0.2740, 0.2443

Square

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



66.1808, 0.2890, 0.4074



66.1808, 0.2129, 0.2591



66.1808, 0.3295, 0.2656



66.1808, 0.4226, 0.3868

Rectangle

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



66.1808, 0.2890, 0.4074



66.1808, 0.2223, 0.3167



66.1808, 0.3295, 0.2656



66.1808, 0.4116, 0.3288

Sweetspot

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



66.1835, 0.2890, 0.4074



93.4441, 0.3051, 0.3492



71.7854, 0.3482, 0.4371



19.8613, 0.3043, 0.3515



0.0000, 0.0000, 0.0000



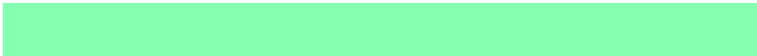
21.4041, 0.3127, 0.3290

Same Dimension

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



66.1835, 0.2890, 0.4074



79.6092, 0.2854, 0.4270



68.2705, 0.2645, 0.3461



16.1732, 0.3068, 0.3445



32.4025, 0.2848, 0.5451



2.4116, 0.2765, 0.5154

Inverse Universe

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



39.7431, 0.3487, 0.2623



42.6583, 0.3589, 0.2494



37.9168, 0.3986, 0.3132



14.5239, 0.3192, 0.3139



10.7664, 0.4354, 0.2172



0.8131, 0.4143, 0.2056

Previews

White Background



This preview shows how the Yxy color 66.1808, 0.2890, 0.4074 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 66.1808, 0.2890, 0.4074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

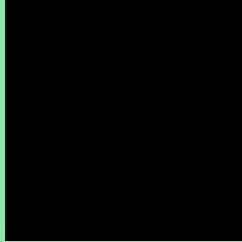
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1808, 0.2890, 0.4074

Background



This preview shows how black text looks on a background with the Yxy color 66.1808, 0.2890, 0.4074.



This preview shows how white text looks on a background with the Yxy color 66.1808, 0.2890, 0.4074.

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

66.1808, 0.2890, 0.4074

Protanopia

65.3659, 0.3596, 0.3842

Deuteranopia

65.1593, 0.3644, 0.3560



Tritanopia

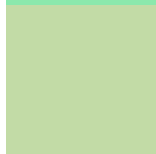
65.9963, 0.2590, 0.3075

Trichromacy



Original Color

66.1808, 0.2890, 0.4074



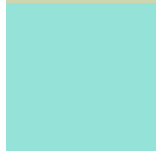
Protanomaly

64.8855, 0.3299, 0.3931



Deuteranomaly

64.3495, 0.3330, 0.3738



Tritanomaly

65.7401, 0.2699, 0.3413

Monochromacy



Original Color

66.1808, 0.2890, 0.4074



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

58.9541, 0.3026, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1808, 0.2890, 0.4074 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(139, 232, 172)` looks like.

```
.text, #text, p{  
    color:rgb(139, 232, 172)  
}
```

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(139, 232, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 232, 172) }
```

Border

The CSS property to change the border of an element to Yxy 66.1808, 0.2890, 0.4074 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(139, 232, 172) }
```

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

```
.border{ border-color:rgb(139, 232, 172) }
```

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

Here you see how a box with a 4 pixel rgb(139, 232, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 232, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 232, 172);  
box-shadow:4px 4px 4px 4px rgb(139, 232,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1808, 0.2890, 0.4074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 232, 172) }
```

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

```
.background{ background-color: rgb(139,  
232, 172) }
```

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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