

Converting Colors

$Yxy(48.2110, 0.2665, 0.3035)$

Have a look what the booklet for
Yxy(48.2110, 0.2665, 0.3035)
contains.

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Color

Yxy(48.1178, 0.2669, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	93BFD2
RGB	147, 191, 210
RGB Percent	58%, 75%, 82%
CMY	0.4238, 0.2509, 0.1765
CMYK	0.30, 0.09, 0.00, 0.18
HSL	198°, 41%, 70%
HSV	198°, 30%, 82%
XYZ	42.2873, 48.1178, 68.0335
YIQ	180.0100, -32.3230, -3.4190

Conversions

Conversions Part 2

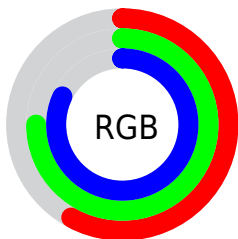
Format	Color
R_{YB}	147, 173, 210
Decimal	9682898
CIE _{Lab}	74.90, -10.10, -14.26
CIE _{LCh}	75, 17.476, 234.684
Yxy	48.1178, 0.2669, 0.3037
Android (android.graphics.Color)	4287872978 (0xFF93BFD2)
YUV	180.0100, 14.7851, -28.9498
Hunter-Lab	69.3670, -12.5757, -9.5934

Details

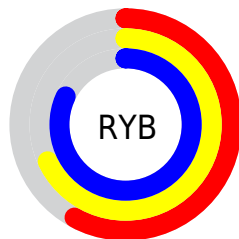
The Yxy color **48.1178, 0.2669, 0.3037** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0497, 0.3726, 0.3529**, and the grayscale version is **45.5740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2981, 0.2810, 0.3205**, and **22.9569, 0.2542, 0.2962** is the 20% darker color. If you saturate the color by 10%, you get **43.6549, 0.2525, 0.2938**, and if you desaturate by 10%, it is **53.0579, 0.2820, 0.3129**.

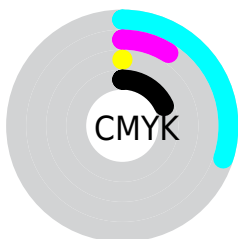
Distribution



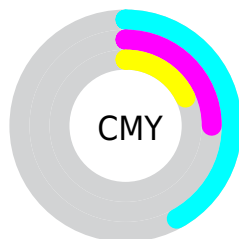
- Red (58%)
- Green (75%)
- Blue (82%)



- Red (58%)
- Yellow (68%)
- Blue (82%)



- Cyan (30%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



- Cyan (42%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.1178, 0.2669, 0.3037 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 48.1178, 0.2669, 0.3037 by changing the saturation by 10% instead.

■ 48.1178, 0.2669,
0.3037

■ 48.1178, 0.2669,
0.3037

■ 379.2589, 0.2893,
0.3165

■ 33.9202, 0.2615,
0.3005

■ 87.3798, 0.2749,
0.3084

■ 22.8323, 0.2546,
0.2963

■ 113.2129, 0.2780,
0.3102

■ 14.4697, 0.2456,
0.2907

■ 143.6934, 0.2806,
0.3116

■ 8.4481, 0.2334,
0.2828

■ 179.2055, 0.2828,
0.3129

■ 4.3830, 0.2159,
0.2711

■ 220.1337, 0.2848,
0.3140

■ 1.8900, 0.1890,
0.2520

■ 266.8624, 0.2865,

■ 0.5424, 0.1058,

0.3150

0.2133

319.7760, 0.2880,
0.3158

0.0000, 0.0000,
0.0000

48.1178, 0.2669,
0.3037

48.1178, 0.2669,
0.3037

43.6549, 0.2525,
0.2938

53.0579, 0.2820,
0.3129

39.6427, 0.2390,
0.2833

58.4886, 0.2973,
0.3213

36.0603, 0.2268,
0.2722

64.4301, 0.3127,
0.3290

32.8828, 0.2163,
0.2609

70.8994, 0.3278,
0.3358

30.0817, 0.2078,
0.2494

77.9125, 0.3425,
0.3419

■ 27.6234, 0.2012,
0.2380

■ 81.9232, 0.3437,
0.3481

■ 25.4549, 0.1964,
0.2268

■ 85.4845, 0.3426,
0.3543

■ 89.1745, 0.3416,
0.3604

■ 92.9946, 0.3405,
0.3664

Harmonies

Analogous

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



48.1178, 0.2719, 0.3239



48.1178, 0.2669, 0.3037



48.1178, 0.2735, 0.2914

Triad

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



48.1178, 0.2669, 0.3037



48.1178, 0.3378, 0.3119



48.1178, 0.3341, 0.3719

Complementary

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



48.1178, 0.2669, 0.3037



43.0497, 0.3726, 0.3529

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.



48.1178, 0.3528, 0.3667



48.1178, 0.2669, 0.3037



48.1178, 0.3552, 0.3317

Square

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



48.1178, 0.2669, 0.3037



48.1178, 0.3138, 0.2966



48.1178, 0.3608, 0.3516



48.1178, 0.3102, 0.3647

Rectangle

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



48.1178, 0.2669, 0.3037



48.1178, 0.2838, 0.2887



48.1178, 0.3608, 0.3516



48.1178, 0.3413, 0.3715

Sweetspot

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



48.1197, 0.2669, 0.3037



91.5753, 0.2987, 0.3221



55.0399, 0.2966, 0.3893



19.3227, 0.2965, 0.3209



0.0000, 0.0000, 0.0000



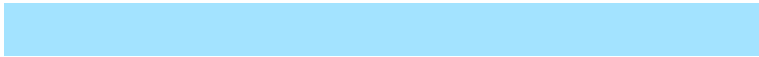
21.4041, 0.3127, 0.3290

Same Dimension

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



48.1197, 0.2669, 0.3037



70.1663, 0.2576, 0.2975



35.8351, 0.2620, 0.2597



12.7812, 0.2983, 0.3218



15.7100, 0.1968, 0.2285



1.0140, 0.2025, 0.2491

Inverse Universe

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



38.3112, 0.3339, 0.2757



53.0918, 0.3398, 0.2642



55.9165, 0.3618, 0.3898



11.9459, 0.3183, 0.3129



9.6572, 0.4142, 0.2055



0.5537, 0.3931, 0.1939

Previews

White Background



This preview shows how the Yxy color 48.1178, 0.2669, 0.3037 looks on a white background.

Color Contrast Check

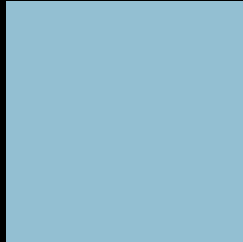
Large Text (above 18pt) WCAG AA × Fail

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 48.1178, 0.2669, 0.3037 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 48.1178, 0.2669, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 48.1178, 0.2669, 0.3037.



This preview shows how white text looks on a background with the Yxy color 48.1178, 0.2669, 0.3037.

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

48.1178, 0.2669, 0.3037

Protanopia

47.6874, 0.2944, 0.2999

Deuteranopia

47.6850, 0.2948, 0.2884



Tritanopia

48.3153, 0.2683, 0.3089

Trichromacy



Original Color

48.1178, 0.2669, 0.3037

Protanomaly

47.6379, 0.2838, 0.3006

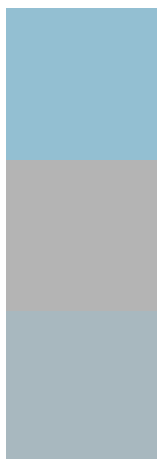
Deuteranomaly

47.4544, 0.2839, 0.2934

Tritanomaly

48.3643, 0.2677, 0.3076

Monochromacy



Original Color

48.1178, 0.2669, 0.3037

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.3674, 0.2943, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1178, 0.2669, 0.3037 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(147, 191, 210)` looks like.

```
.text, #text, p{  
    color:rgb(147, 191, 210)  
}
```

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(147, 191, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 191, 210) }
```

Border

The CSS property to change the border of an element to Yxy 48.1178, 0.2669, 0.3037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

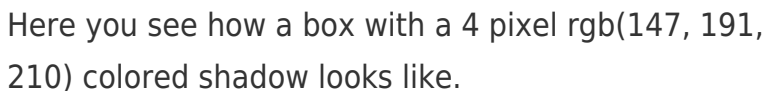
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 191, 210) }
```

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

```
.border{ border-color:rgb(147, 191, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 191, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 191, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 191, 210);  
box-shadow:4px 4px 4px 4px rgb(147, 191,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1178, 0.2669, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 191, 210) }
```

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

```
.background{ background-color: rgb(147,  
191, 210) }
```

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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