

Converting Colors

$Yxy(44.7076, 0.2783, 0.3035)$

Have a look what the booklet for
Yxy(44.7076, 0.2783, 0.3035)
contains.

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Color

Yxy(44.7409, 0.2779, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	9CB6C9
RGB	156, 182, 201
RGB Percent	61%, 71%, 79%
CMY	0.3883, 0.2863, 0.2117
CMYK	0.22, 0.09, 0.00, 0.21
HSL	205°, 29%, 70%
HSV	205°, 22%, 79%
XYZ	40.9805, 44.7409, 61.7436
YIQ	176.3920, -21.5950, 0.3970

Conversions

Conversions Part 2

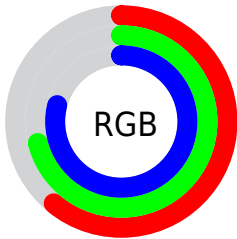
Format	Color
RYB	156, 172, 201
Decimal	10270409
CIELab	72.72, -4.69, -12.57
CIELCh	73, 13.419, 249.560
Yxy	44.7409, 0.2779, 0.3034
Android (android.graphics.Color)	4288460489 (0xFF9CB6C9)
YUV	176.3920, 12.1317, -17.8838
Hunter-Lab	66.8886, -7.6938, -7.9074

Details

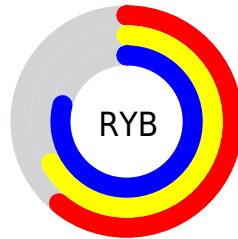
The Yxy color **44.7409, 0.2779, 0.3034** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.4802, 0.3528, 0.3533**, and the grayscale version is **43.5755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2180, 0.2857, 0.3112**, and **20.7502, 0.2682, 0.2956** is the 20% darker color. If you saturate the color by 10%, you get **39.5288, 0.2622, 0.2901**, and if you desaturate by 10%, it is **50.4992, 0.2936, 0.3156**.

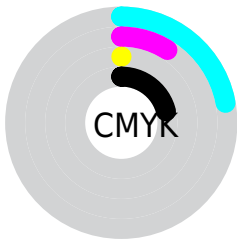
Distribution



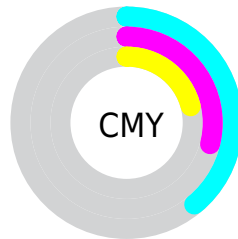
- Red (61%)
- Green (71%)
- Blue (79%)



- Red (61%)
- Yellow (67%)
- Blue (79%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (39%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7409, 0.2779, 0.3034 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 44.7409, 0.2779, 0.3034 by changing the saturation by 10% instead.

■ 44.7409, 0.2779,
0.3034

■ 44.7409, 0.2779,
0.3034

■ 365.7232, 0.2952,
0.3164

■ 31.2534, 0.2736,
0.3001

■ 82.3315, 0.2842,
0.3081

■ 20.7919, 0.2681,
0.2959

■ 107.2033, 0.2865,
0.3099

■ 12.9720, 0.2608,
0.2902

■ 136.6387, 0.2886,
0.3114

■ 7.4092, 0.2507,
0.2823

■ 171.0221, 0.2903,
0.3127

■ 3.7193, 0.2359,
0.2703

■ 210.7379, 0.2918,
0.3138

■ 1.5178, 0.2120,
0.2504

■ 256.1704, 0.2931,

■ 0.3012, 0.1010,

0.3148

0.1771

307.7040, 0.2942,
0.3156

0.0000, 0.0000,
0.0000

44.7409, 0.2779,
0.3034

44.7409, 0.2779,
0.3034

39.5288, 0.2622,
0.2901

50.4992, 0.2936,
0.3156

34.8374, 0.2467,
0.2757

56.8171, 0.3091,
0.3265

30.6471, 0.2321,
0.2604

63.7141, 0.3240,
0.3364

26.9345, 0.2186,
0.2444

71.2072, 0.3383,
0.3451

23.6739, 0.2067,
0.2280

79.0271, 0.3508,
0.3529

■ 20.8361, 0.1968,
0.2116

■ 83.7158, 0.3490,
0.3612

■ 18.3869, 0.1890,
0.1955

■ 88.6355, 0.3474,
0.3693

■ 16.7414, 0.1844,
0.1836

■ 93.7896, 0.3457,
0.3773

■ 96.9978, 0.3448,
0.3820

Harmonies

Analogous

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



44.7409, 0.2773, 0.3167



44.7409, 0.2779, 0.3034



44.7409, 0.2875, 0.2973

Triad

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



44.7409, 0.2779, 0.3034



44.7409, 0.3401, 0.3232



44.7409, 0.3206, 0.3609

Complementary

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



44.7409, 0.2779, 0.3034



45.4802, 0.3528, 0.3533

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.



44.7409, 0.3379, 0.3618



44.7409, 0.2779, 0.3034



44.7409, 0.3495, 0.3394

Square

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



44.7409, 0.2779, 0.3034



44.7409, 0.3233, 0.3087



44.7409, 0.3486, 0.3537



44.7409, 0.3015, 0.3507

Rectangle

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



44.7409, 0.2779, 0.3034



44.7409, 0.2980, 0.2978



44.7409, 0.3486, 0.3537



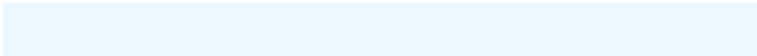
44.7409, 0.3268, 0.3623

Sweetspot

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



44.7427, 0.2779, 0.3034



92.0556, 0.3019, 0.3215



51.9332, 0.2970, 0.3645



19.5620, 0.3009, 0.3209



0.0000, 0.0000, 0.0000



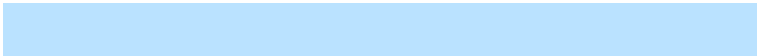
21.4041, 0.3127, 0.3290

Same Dimension

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



44.7427, 0.2779, 0.3034



72.0325, 0.2700, 0.2969



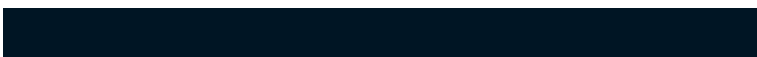
36.3370, 0.2756, 0.2723



11.2881, 0.2983, 0.3190



10.7091, 0.1850, 0.1859



0.6483, 0.1941, 0.2188

Inverse Universe

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



39.5710, 0.3326, 0.2963



61.9282, 0.3382, 0.2887



54.8723, 0.3471, 0.3800



10.7380, 0.3201, 0.3157



8.6211, 0.4616, 0.2316



0.4225, 0.4246, 0.2113

Previews

White Background



This preview shows how the Yxy color 44.7409, 0.2779, 0.3034 looks on a white background.

Color Contrast Check

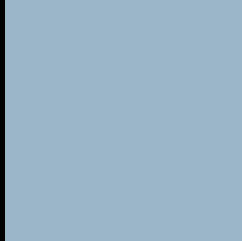
Large Text (above 18pt) WCAG AA × Fail

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 44.7409, 0.2779, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

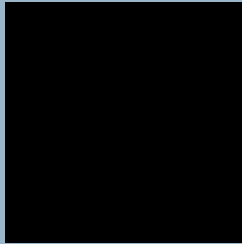
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

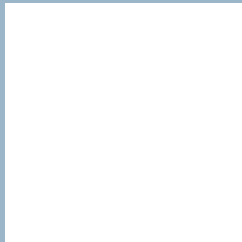
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7409, 0.2779, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 44.7409, 0.2779, 0.3034.



This preview shows how white text looks on a background with the Yxy color 44.7409, 0.2779, 0.3034.

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

44.7409, 0.2779, 0.3034

Protanopia

44.6355, 0.2946, 0.3016

Deuteranopia

44.7742, 0.2982, 0.2923



Tritanopia

44.8668, 0.2800, 0.3100

Trichromacy



Original Color

44.7409, 0.2779, 0.3034

Protanomaly

44.6886, 0.2883, 0.3026

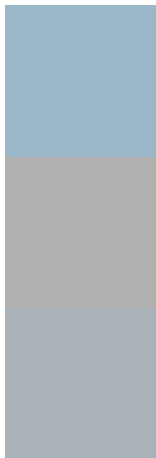
Deuteranomaly

44.7072, 0.2908, 0.2966

Tritanomaly

44.9128, 0.2793, 0.3087

Monochromacy



Original Color

44.7409, 0.2779, 0.3034

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.7786, 0.2995, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7409, 0.2779, 0.3034 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(156, 182, 201)` looks like.

```
.text, #text, p{  
    color:rgb(156, 182, 201)  
}
```

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(156, 182, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 182, 201) }
```

Border

The CSS property to change the border of an element to Yxy 44.7409, 0.2779, 0.3034 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(156, 182, 201) }
```

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

```
.border{ border-color:rgb(156, 182, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 182, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 182, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 182, 201);  
box-shadow:4px 4px 4px 4px rgb(156, 182,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7409, 0.2779, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 182, 201) }
```

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

```
.background{ background-color: rgb(156,  
182, 201) }
```

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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