

Converting Colors

$Yxy(44.4961, 0.2771, 0.3046)$

Have a look what the booklet for
Yxy(44.4961, 0.2771, 0.3046)
contains.

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Color

Yxy(44.4961, 0.2771, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	9AB6C8
RGB	154, 182, 200
RGB Percent	60%, 71%, 78%
CMY	0.3961, 0.2863, 0.2156
CMYK	0.23, 0.09, 0.00, 0.22
HSL	203°, 30%, 69%
HSV	203°, 23%, 78%
XYZ	40.4789, 44.4961, 61.1054
YIQ	175.6800, -22.4660, -0.3380

Conversions

Conversions Part 2

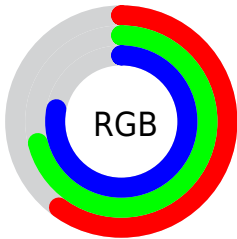
Format	Color
RYB	154, 171, 200
Decimal	10139336
CIELab	72.56, -5.54, -12.28
CIELCh	73, 13.471, 245.739
Yxy	44.4961, 0.2771, 0.3046
Android (android.graphics.Color)	4288329416 (0xFF9AB6C8)
YUV	175.6800, 11.9898, -19.0134
Hunter-Lab	66.7054, -8.4152, -7.6188

Details

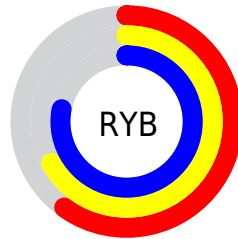
The Yxy color **44.4961, 0.2771, 0.3046** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.1171, 0.3545, 0.3522**, and the grayscale version is **43.1862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9244, 0.2845, 0.3111**, and **20.6006, 0.2672, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **39.5799, 0.2616, 0.2923**, and if you desaturate by 10%, it is **49.9221, 0.2927, 0.3159**.

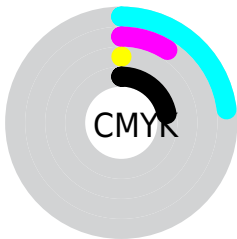
Distribution



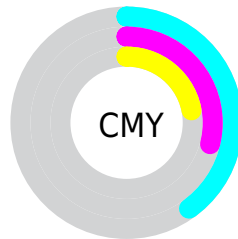
- Red (60%)
- Green (71%)
- Blue (78%)



- Red (60%)
- Yellow (67%)
- Blue (78%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4961, 0.2771, 0.3046 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 44.4961, 0.2771, 0.3046 by changing the saturation by 10% instead.

■ 44.4961, 0.2771,
0.3046

■ 44.4961, 0.2771,
0.3046

364.7289, 0.2948,
0.3170

■ 31.0607, 0.2727,
0.3014

■ 81.9637, 0.2835,
0.3091

■ 20.6451, 0.2671,
0.2974

■ 106.7648, 0.2860,
0.3108

■ 12.8648, 0.2596,
0.2919

136.1231, 0.2880,
0.3123

■ 7.3355, 0.2492,
0.2842

170.4233, 0.2898,
0.3135

■ 3.6728, 0.2340,
0.2725

210.0495, 0.2913,
0.3146

■ 1.4923, 0.2095,
0.2531

255.3862, 0.2926,

■ 0.2833, 0.0839,

0.3155

0.1772

306.8179, 0.2938,
0.3163

0.0000, 0.0000,
0.0000

44.4961, 0.2771,
0.3046

44.4961, 0.2771,
0.3046

39.5799, 0.2616,
0.2923

49.9221, 0.2927,
0.3159

35.1488, 0.2465,
0.2789

55.8703, 0.3081,
0.3261

31.1843, 0.2323,
0.2648

62.3594, 0.3232,
0.3353

27.6640, 0.2193,
0.2500

69.4055, 0.3376,
0.3434

24.5630, 0.2080,
0.2349

77.0238, 0.3514,
0.3506

■ 21.8532, 0.1987,
0.2198

■ 81.4463, 0.3505,
0.3583

■ 19.5015, 0.1915,
0.2049

■ 85.8740, 0.3489,
0.3659

■ 18.0304, 0.1874,
0.1947

■ 90.4993, 0.3474,
0.3734

■ 95.3249, 0.3459,
0.3807

Harmonies

Analogous

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



44.4961, 0.2777, 0.3188



44.4961, 0.2771, 0.3046



44.4961, 0.2857, 0.2974

Triad

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



44.4961, 0.2771, 0.3046



44.4961, 0.3385, 0.3211



44.4961, 0.3230, 0.3618

Complementary

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



44.4961, 0.2771, 0.3046



44.1171, 0.3545, 0.3522

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.



44.4961, 0.3399, 0.3614



44.4961, 0.2771, 0.3046



44.4961, 0.3491, 0.3374

Square

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



44.4961, 0.2771, 0.3046



44.4961, 0.3209, 0.3071



44.4961, 0.3496, 0.3522



44.4961, 0.3038, 0.3526

Rectangle

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



44.4961, 0.2771, 0.3046



44.4961, 0.2957, 0.2972



44.4961, 0.3496, 0.3522



44.4961, 0.3292, 0.3627

Sweetspot

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



44.4979, 0.2771, 0.3046



92.3951, 0.3019, 0.3221



51.1476, 0.2976, 0.3678



19.6407, 0.3009, 0.3215



0.0000, 0.0000, 0.0000



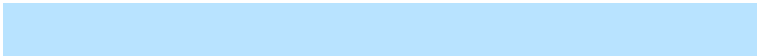
21.4041, 0.3127, 0.3290

Same Dimension

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



44.4979, 0.2771, 0.3046



72.3347, 0.2687, 0.2981



35.9594, 0.2746, 0.2727



11.3439, 0.2984, 0.3197



11.6413, 0.1880, 0.1967



0.6892, 0.1965, 0.2273

Inverse Universe

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



38.7663, 0.3319, 0.2936



60.9247, 0.3376, 0.2850



53.4841, 0.3485, 0.3797



10.7436, 0.3196, 0.3150



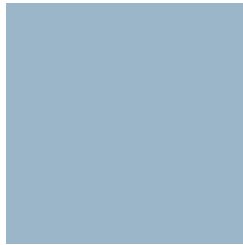
8.7152, 0.4490, 0.2247



0.4266, 0.4154, 0.2062

Previews

White Background



This preview shows how the Yxy color 44.4961, 0.2771, 0.3046 looks on a white background.

Color Contrast Check

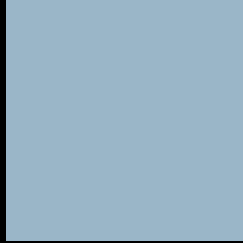
Large Text (above 18pt) WCAG AA × Fail

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 44.4961, 0.2771, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

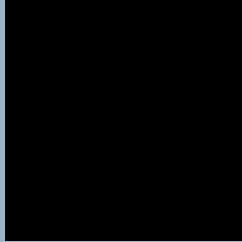
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

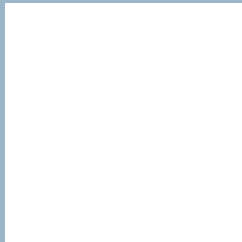
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4961, 0.2771, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 44.4961, 0.2771, 0.3046.



This preview shows how white text looks on a background with the Yxy color 44.4961, 0.2771, 0.3046.

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

44.4961, 0.2771, 0.3046

Protanopia

44.1502, 0.2961, 0.3028

Deuteranopia

44.2187, 0.2981, 0.2921



Tritanopia

44.2594, 0.2784, 0.3085

Trichromacy



Original Color

44.4961, 0.2771, 0.3046

Protanomaly

44.0875, 0.2889, 0.3037

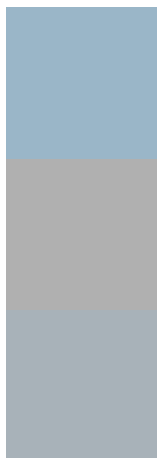
Deuteranomaly

44.0384, 0.2899, 0.2963

Tritanomaly

44.3054, 0.2777, 0.3072

Monochromacy



Original Color

44.4961, 0.2771, 0.3046

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6684, 0.2987, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4961, 0.2771, 0.3046 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(154, 182, 200)` looks like.

```
.text, #text, p{  
    color:rgb(154, 182, 200)  
}
```

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(154, 182, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 182, 200) }
```

Border

The CSS property to change the border of an element to Yxy 44.4961, 0.2771, 0.3046 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(154, 182, 200) }
```

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

```
.border{ border-color:rgb(154, 182, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 182, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 182, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 182, 200);  
box-shadow:4px 4px 4px 4px rgb(154, 182,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4961, 0.2771, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 182, 200) }
```

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

```
.background{ background-color: rgb(154,  
182, 200) }
```

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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