

Converting Colors

$Yxy(44.6959, 0.2769, 0.3025)$

Have a look what the booklet for
Yxy(44.6959, 0.2769, 0.3025)
contains.

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Color

Yxy(44.6887, 0.2765, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	9BB6CA
RGB	155, 182, 202
RGB Percent	61%, 71%, 79%
CMY	0.3922, 0.2862, 0.2079
CMYK	0.23, 0.10, 0.00, 0.21
HSL	205°, 31%, 70%
HSV	205°, 23%, 79%
XYZ	40.9018, 44.6887, 62.3364
YIQ	176.2070, -22.5120, 0.4960

Conversions

Conversions Part 2

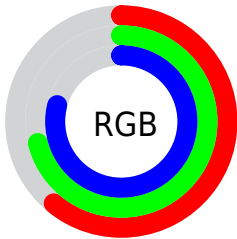
Format	Color
RYB	155, 172, 202
Decimal	10204874
CIELab	72.69, -4.78, -13.16
CIELCh	73, 14.003, 250.041
Yxy	44.6887, 0.2765, 0.3021
Android (android.graphics.Color)	4288394954 (0xFF9BB6CA)
YUV	176.2070, 12.7159, -18.5985
Hunter-Lab	66.8496, -7.7720, -8.4924

Details

The Yxy color **44.6887, 0.2765, 0.3021** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.5633, 0.3546, 0.3544**, and the grayscale version is **43.4698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0707, 0.2851, 0.3112**, and **20.7222, 0.2664, 0.2938** is the 20% darker color. If you saturate the color by 10%, you get **39.4476, 0.2607, 0.2886**, and if you desaturate by 10%, it is **50.4832, 0.2923, 0.3145**.

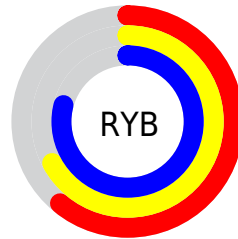
Distribution



Red (61%)

Green (71%)

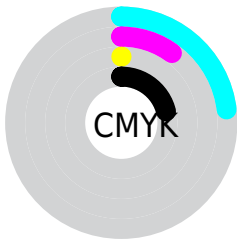
Blue (79%)



Red (61%)

Yellow (67%)

Blue (79%)

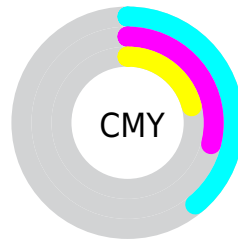


Cyan (23%)

Magenta (10%)

Yellow (0%)

Black (21%)



Cyan (39%)

Magenta (29%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6887, 0.2765, 0.3021 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 44.6887, 0.2765, 0.3021 by changing the saturation by 10% instead.

■ 44.6887, 0.2765,
0.3021

■ 44.6887, 0.2765,
0.3021

365.5113, 0.2945,
0.3157

■ 31.2123, 0.2720,
0.2987

■ 82.2531, 0.2830,
0.3071

■ 20.7606, 0.2663,
0.2942

■ 107.1098, 0.2855,
0.3089

■ 12.9491, 0.2587,
0.2883

136.5288, 0.2876,
0.3105

■ 7.3935, 0.2483,
0.2799

170.8945, 0.2894,
0.3119

■ 3.7094, 0.2329,
0.2674

210.5912, 0.2909,
0.3130

■ 1.5124, 0.2083,
0.2466

256.0033, 0.2923,

■ 0.2974, 0.0957,

0.3140

0.1714

307.5152, 0.2935,
0.3149

0.0000, 0.0000,
0.0000

44.6887, 0.2765,
0.3021

44.6887, 0.2765,
0.3021

39.4476, 0.2607,
0.2886

50.4832, 0.2923,
0.3145

34.7341, 0.2453,
0.2740

56.8448, 0.3078,
0.3256

30.5280, 0.2307,
0.2585

63.7935, 0.3227,
0.3356

26.8053, 0.2173,
0.2423

71.3465, 0.3371,
0.3445

23.5396, 0.2055,
0.2258

79.3350, 0.3500,
0.3523

■ 20.7011, 0.1958,
0.2093

■ 84.0913, 0.3483,
0.3608

■ 18.2545, 0.1882,
0.1932

■ 89.0843, 0.3466,
0.3690

■ 16.7886, 0.1841,
0.1826

■ 94.3172, 0.3450,
0.3771

■ 97.0435, 0.3442,
0.3810

Harmonies

Analogous

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



44.6887, 0.2757, 0.3159



44.6887, 0.2765, 0.3021



44.6887, 0.2867, 0.2959

Triad

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



44.6887, 0.2765, 0.3021



44.6887, 0.3416, 0.3231



44.6887, 0.3206, 0.3623

Complementary

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



44.6887, 0.2765, 0.3021



45.5633, 0.3546, 0.3544

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.



44.6887, 0.3387, 0.3633



44.6887, 0.2765, 0.3021



44.6887, 0.3512, 0.3401

Square

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



44.6887, 0.2765, 0.3021



44.6887, 0.3241, 0.3080



44.6887, 0.3501, 0.3549



44.6887, 0.3007, 0.3514

Rectangle

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



44.6887, 0.2765, 0.3021



44.6887, 0.2976, 0.2965



44.6887, 0.3501, 0.3549



44.6887, 0.3271, 0.3638

Sweetspot

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



44.6905, 0.2765, 0.3021



92.0257, 0.3019, 0.3215



52.2785, 0.2964, 0.3661



19.5551, 0.3009, 0.3208



0.0000, 0.0000, 0.0000



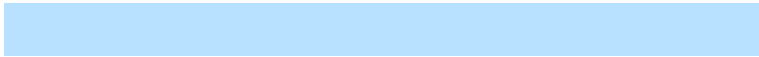
21.4041, 0.3127, 0.3290

Same Dimension

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



44.6905, 0.2765, 0.3021



71.0266, 0.2684, 0.2953



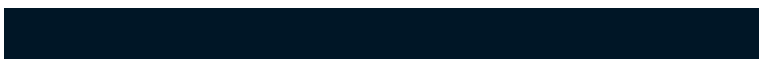
35.9922, 0.2739, 0.2697



11.8972, 0.2983, 0.3189



10.9849, 0.1847, 0.1847



0.7152, 0.1933, 0.2157

Inverse Universe

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



39.3692, 0.3337, 0.2951



60.7926, 0.3396, 0.2873



55.3391, 0.3485, 0.3821



11.3200, 0.3202, 0.3158



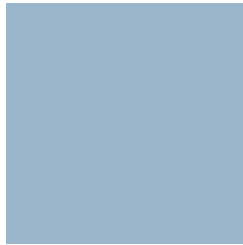
8.9119, 0.4629, 0.2324



0.4747, 0.4278, 0.2131

Previews

White Background



This preview shows how the Yxy color 44.6887, 0.2765, 0.3021 looks on a white background.

Color Contrast Check

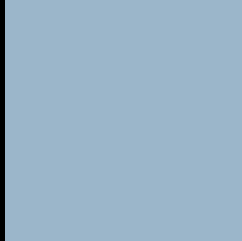
Large Text (above 18pt) WCAG AA × Fail

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 44.6887, 0.2765, 0.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

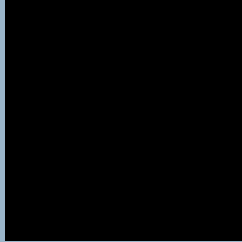
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

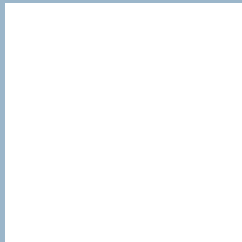
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6887, 0.2765, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 44.6887, 0.2765, 0.3021.



This preview shows how white text looks on a background with the Yxy color 44.6887, 0.2765, 0.3021.

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

44.6887, 0.2765, 0.3021

Protanopia

44.6818, 0.2939, 0.3004

Deuteranopia

44.3141, 0.2966, 0.2897



Tritanopia

44.7682, 0.2793, 0.3099

Trichromacy



Original Color

44.6887, 0.2765, 0.3021

Protanomaly

44.7352, 0.2876, 0.3013

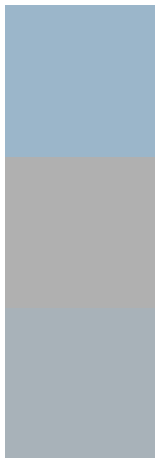
Deuteranomaly

44.2467, 0.2892, 0.2939

Tritanomaly

44.8605, 0.2779, 0.3073

Monochromacy



Original Color

44.6887, 0.2765, 0.3021

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 44.6887, 0.2765, 0.3021 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(155, 182, 202)` looks like.

```
.text, #text, p{  
    color:rgb(155, 182, 202)  
}
```

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(155, 182, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 182, 202) }
```

Border

The CSS property to change the border of an element to Yxy 44.6887, 0.2765, 0.3021 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(155, 182, 202) }
```

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

```
.border{ border-color:rgb(155, 182, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 182, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 182, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 182, 202);  
box-shadow:4px 4px 4px 4px rgb(155, 182,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6887, 0.2765, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 182, 202) }
```

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

```
.background{ background-color: rgb(155,  
182, 202) }
```

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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