

Converting Colors

$Yxy(44.0169, 0.2544, 0.2928)$

Have a look what the booklet for
Yxy(44.0169, 0.2544, 0.2928)
contains.

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Color

Yxy(44.1469, 0.2544, 0.2932)

Conversions

Conversions Part 1

Format	Color
Hex	82B9D3
RGB	130, 185, 211
RGB Percent	51%, 73%, 83%
CMY	0.4904, 0.2744, 0.1726
CMYK	0.38, 0.12, 0.00, 0.17
HSL	199°, 48%, 67%
HSV	199°, 38%, 83%
XYZ	38.3048, 44.1469, 68.1175
YIQ	171.5190, -41.1260, -3.5740

Conversions

Conversions Part 2

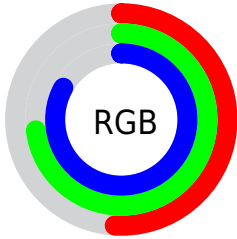
Format	Color
R _Y B	130, 163, 211
Decimal	8567251
CIE Lab	72.33, -11.39, -18.77
CIE LCh	72, 21.953, 238.736
Yxy	44.1469, 0.2544, 0.2932
Android (android.graphics.Color)	4286757331 (0xFF82B9D3)
YUV	171.5190, 19.4641, -36.4122
Hunter-Lab	66.4431, -13.3693, -14.2739

Details

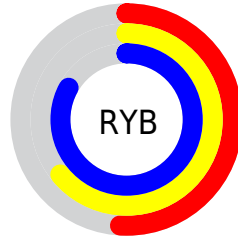
The Yxy color **44.1469, 0.2544, 0.2932** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.2057, 0.3945, 0.3617**, and the grayscale version is **40.9105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5697, 0.2716, 0.3137**, and **20.4393, 0.2388, 0.2832** is the 20% darker color. If you saturate the color by 10%, you get **39.8864, 0.2405, 0.2820**, and if you desaturate by 10%, it is **48.8874, 0.2691, 0.3037**.

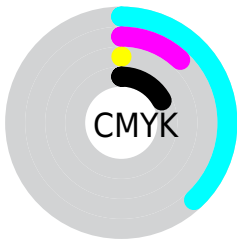
Distribution



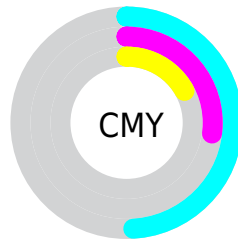
- Red (51%)
- Green (73%)
- Blue (83%)



- Red (51%)
- Yellow (64%)
- Blue (83%)



- Cyan (38%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (49%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1469, 0.2544, 0.2932 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 44.1469, 0.2544, 0.2932 by changing the saturation by 10% instead.

■ 44.1469, 0.2544,
0.2932

■ 44.1469, 0.2544,
0.2932

363.3074, 0.2832,
0.3116

■ 30.7860, 0.2474,
0.2885

■ 81.4387, 0.2647,
0.3000

■ 20.4360, 0.2385,
0.2824

■ 106.1385, 0.2687,
0.3025

■ 12.7123, 0.2268,
0.2743

■ 135.3867, 0.2720,
0.3046

■ 7.2308, 0.2110,
0.2628

169.5676, 0.2749,
0.3064

■ 3.6068, 0.1884,
0.2456

209.0658, 0.2773,
0.3080

■ 1.4562, 0.1541,
0.2176

254.2655, 0.2795,

■ 0.2576, 0.0000,

0.3093

0.1290

305.5513, 0.2815,
0.3105

0.0000, 0.0000,
0.0000

44.1469, 0.2544,
0.2932

44.1469, 0.2544,
0.2932

39.8864, 0.2405,
0.2820

48.8874, 0.2691,
0.3037

36.0777, 0.2279,
0.2703

54.1238, 0.2844,
0.3134

32.6975, 0.2168,
0.2582

59.8774, 0.2998,
0.3222

29.7171, 0.2076,
0.2459

66.1666, 0.3151,
0.3302

27.1034, 0.2004,
0.2337

73.0088, 0.3302,
0.3374

■ 24.8072, 0.1952,
0.2217

■ 80.1272, 0.3436,
0.3438

■ 24.4593, 0.1944,
0.2198

■ 83.8680, 0.3424,
0.3505

■ 87.7552, 0.3413,
0.3570

■ 91.7906, 0.3402,
0.3635

Harmonies

Analogous

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



44.1469, 0.2587, 0.3180



44.1469, 0.2544, 0.2932



44.1469, 0.2647, 0.2795

Triad

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



44.1469, 0.2544, 0.2932



44.1469, 0.3488, 0.3102



44.1469, 0.3361, 0.3847

Complementary

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



44.1469, 0.2544, 0.2932



39.2057, 0.3945, 0.3617

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.



44.1469, 0.3618, 0.3793



44.1469, 0.2544, 0.2932



44.1469, 0.3698, 0.3356

Square

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



44.1469, 0.2544, 0.2932



44.1469, 0.3183, 0.2899



44.1469, 0.3746, 0.3607



44.1469, 0.3049, 0.3733

Rectangle

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



44.1469, 0.2544, 0.2932



44.1469, 0.2788, 0.2776



44.1469, 0.3746, 0.3607



44.1469, 0.3457, 0.3847

Sweetspot

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



44.1486, 0.2544, 0.2932



88.5537, 0.2941, 0.3190



53.7085, 0.2918, 0.4075



18.7031, 0.2920, 0.3179



0.0000, 0.0000, 0.0000



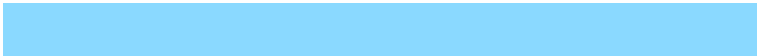
21.4041, 0.3127, 0.3290

Same Dimension

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



44.1486, 0.2544, 0.2932



62.4358, 0.2431, 0.2842



29.6359, 0.2457, 0.2345



12.7416, 0.2983, 0.3214



14.9563, 0.1949, 0.2216



0.9763, 0.2010, 0.2436

Inverse Universe

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



33.3018, 0.3434, 0.2624



44.3822, 0.3523, 0.2487



54.9933, 0.3761, 0.4083



11.9419, 0.3186, 0.3133



9.5811, 0.4215, 0.2096



0.5498, 0.3986, 0.1970

Previews

White Background



This preview shows how the Yxy color 44.1469, 0.2544, 0.2932 looks on a white background.

Color Contrast Check

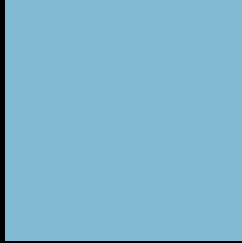
Large Text (above 18pt) WCAG AA × Fail

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 44.1469, 0.2544, 0.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

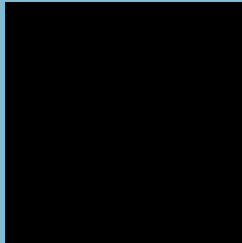
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1469, 0.2544, 0.2932

Background



This preview shows how black text looks on a background with the Yxy color 44.1469, 0.2544, 0.2932.



This preview shows how white text looks on a background with the Yxy color 44.1469, 0.2544, 0.2932.

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

44.1469, 0.2544, 0.2932

Protanopia

43.6775, 0.2868, 0.2912

Deuteranopia

43.9723, 0.2835, 0.2771



Tritanopia

44.3941, 0.2589, 0.3079

Trichromacy



Original Color

44.1469, 0.2544, 0.2932

Protanomaly

43.8131, 0.2735, 0.2916

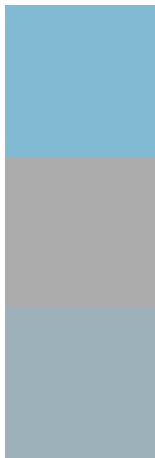
Deuteranomaly

43.6193, 0.2715, 0.2818

Tritanomaly

44.1927, 0.2575, 0.3024

Monochromacy



Original Color

44.1469, 0.2544, 0.2932

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.1576, 0.2889, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1469, 0.2544, 0.2932 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(130, 185, 211)` looks like.

```
.text, #text, p{  
    color:rgb(130, 185, 211)  
}
```

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(130, 185, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 185, 211) }
```

Border

The CSS property to change the border of an element to Yxy 44.1469, 0.2544, 0.2932 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(130, 185, 211) }
```

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

```
.border{ border-color:rgb(130, 185, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 185, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 185, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 185, 211);  
box-shadow:4px 4px 4px 4px rgb(130, 185,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1469, 0.2544, 0.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 185, 211) }
```

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

```
.background{ background-color: rgb(130,  
185, 211) }
```

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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