

Converting Colors

$Yxy(44.6164, 0.2743, 0.3077)$

Have a look what the booklet for
Yxy(44.6164, 0.2743, 0.3077)
contains.

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Color

Yxy(44.7941, 0.2744, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	95B8C7
RGB	149, 184, 199
RGB Percent	58%, 72%, 78%
CMY	0.4156, 0.2784, 0.2197
CMYK	0.25, 0.08, 0.00, 0.22
HSL	198°, 31%, 68%
HSV	198°, 25%, 78%
XYZ	39.8428, 44.7941, 60.5628
YIQ	175.2450, -25.6750, -2.7550

Conversions

Conversions Part 2

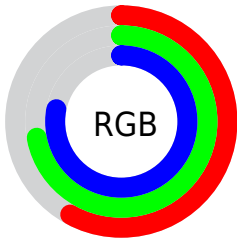
Format	Color
R _Y B	149, 170, 199
Decimal	9812167
CIE Lab	72.76, -8.37, -11.45
CIE LCh	73, 14.182, 233.848
Yxy	44.7941, 0.2744, 0.3085
Android (android.graphics.Color)	4288002247 (0xFF95B8C7)
YUV	175.2450, 11.7112, -23.0169
Hunter-Lab	66.9284, -10.8628, -6.8010

Details

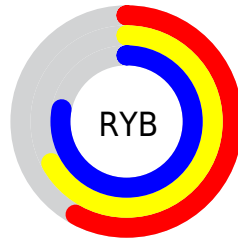
The Yxy color **44.7941, 0.2744, 0.3085** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8542, 0.3605, 0.3486**, and the grayscale version is **42.9528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3775, 0.2817, 0.3131**, and **20.8183, 0.2638, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **40.6561, 0.2597, 0.2990**, and if you desaturate by 10%, it is **49.3598, 0.2896, 0.3173**.

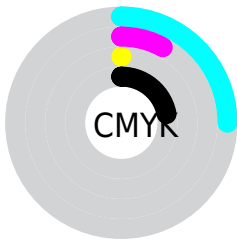
Distribution



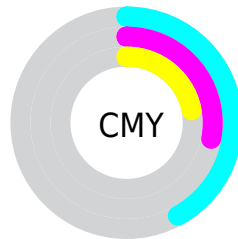
- Red (58%)
- Green (72%)
- Blue (78%)



- Red (58%)
- Yellow (67%)
- Blue (78%)



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (42%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7941, 0.2744, 0.3085 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 44.7941, 0.2744, 0.3085 by changing the saturation by 10% instead.

■ 44.7941, 0.2744,
0.3085

■ 44.7941, 0.2744,
0.3085

■ 365.9390, 0.2934,
0.3190

■ 31.2953, 0.2697,
0.3058

■ 82.4114, 0.2813,
0.3124

■ 20.8238, 0.2637,
0.3023

■ 107.2986, 0.2839,
0.3138

■ 12.9953, 0.2557,
0.2976

■ 136.7507, 0.2861,
0.3150

■ 7.4253, 0.2447,
0.2908

■ 171.1522, 0.2880,
0.3161

■ 3.7295, 0.2285,
0.2805

■ 210.8873, 0.2896,
0.3170

■ 1.5234, 0.2027,
0.2630

■ 256.3406, 0.2911,

■ 0.3051, 0.0559,

0.3177

0.1989

307.8964, 0.2923,
0.3184

0.0000, 0.0000,
0.0000

44.7941, 0.2744,
0.3085

44.7941, 0.2744,
0.3085

40.6561, 0.2597,
0.2990

49.3598, 0.2896,
0.3173

36.9229, 0.2457,
0.2889

54.3643, 0.3049,
0.3252

33.5774, 0.2329,
0.2782

59.8245, 0.3201,
0.3324

30.5987, 0.2216,
0.2671

65.7551, 0.3350,
0.3389

27.9636, 0.2120,
0.2557

72.1699, 0.3495,
0.3446

■ 25.6453, 0.2045,
0.2444

■ 76.4517, 0.3532,
0.3503

■ 23.6114, 0.1989,
0.2332

■ 79.6332, 0.3519,
0.3562

■ 22.6901, 0.1966,
0.2277

■ 82.9274, 0.3507,
0.3621

■ 86.3355, 0.3495,
0.3678

Harmonies

Analogous

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



44.7941, 0.2789, 0.3254



44.7941, 0.2744, 0.3085



44.7941, 0.2797, 0.2978

Triad

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



44.7941, 0.2744, 0.3085



44.7941, 0.3331, 0.3144



44.7941, 0.3311, 0.3645

Complementary

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



44.7941, 0.2744, 0.3085



40.8542, 0.3605, 0.3486

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.



44.7941, 0.3464, 0.3602



44.7941, 0.2744, 0.3085



44.7941, 0.3477, 0.3310

Square

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



44.7941, 0.2744, 0.3085



44.7941, 0.3132, 0.3016



44.7941, 0.3526, 0.3477



44.7941, 0.3113, 0.3587

Rectangle

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



44.7941, 0.2744, 0.3085



44.7941, 0.2882, 0.2953



44.7941, 0.3526, 0.3477



44.7941, 0.3370, 0.3642

Sweetspot

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



44.7959, 0.2744, 0.3085



92.4959, 0.3003, 0.3229



49.8764, 0.2997, 0.3790



19.5084, 0.2980, 0.3217



0.0000, 0.0000, 0.0000



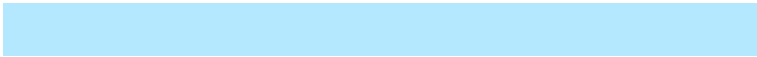
21.4041, 0.3127, 0.3290

Same Dimension

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



44.7959, 0.2744, 0.3085



74.5010, 0.2665, 0.3035



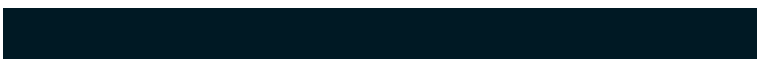
35.5989, 0.2714, 0.2741



11.5102, 0.2984, 0.3219



14.7536, 0.1970, 0.2292



0.8209, 0.2035, 0.2525

Inverse Universe

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



37.0987, 0.3296, 0.2847



59.1307, 0.3341, 0.2750



50.3394, 0.3533, 0.3785



10.7604, 0.3183, 0.3130



9.0294, 0.4134, 0.2051



0.4399, 0.3898, 0.1921

Previews

White Background



This preview shows how the Yxy color 44.7941, 0.2744, 0.3085 looks on a white background.

Color Contrast Check

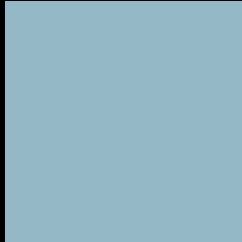
Large Text (above 18pt) WCAG AA × Fail

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 44.7941, 0.2744, 0.3085 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 44.7941, 0.2744, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 44.7941, 0.2744, 0.3085.



This preview shows how white text looks on a background with the Yxy color 44.7941, 0.2744, 0.3085.

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

44.7941, 0.2744, 0.3085

Protanopia

44.5694, 0.2985, 0.3068

Deuteranopia

44.4185, 0.3006, 0.2935



Tritanopia

44.7941, 0.2744, 0.3085

Trichromacy



Original Color

44.7941, 0.2744, 0.3085

Protanomaly

44.7350, 0.2890, 0.3077

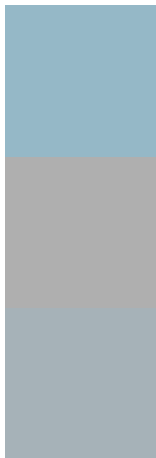
Deuteranomaly

44.3851, 0.2907, 0.2989

Tritanomaly

44.7941, 0.2744, 0.3085

Monochromacy



Original Color

44.7941, 0.2744, 0.3085

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.4085, 0.2978, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7941, 0.2744, 0.3085 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(149, 184, 199)` looks like.

```
.text, #text, p{  
    color:rgb(149, 184, 199)  
}
```

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(149, 184, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 184, 199) }
```

Border

The CSS property to change the border of an element to Yxy 44.7941, 0.2744, 0.3085 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(149, 184, 199) }
```

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

```
.border{ border-color:rgb(149, 184, 199) }
```

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

Here you see how a box with a 4 pixel rgb(149, 184, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 184, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 184, 199);  
box-shadow:4px 4px 4px 4px rgb(149, 184,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7941, 0.2744, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 184, 199) }
```

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

```
.background{ background-color: rgb(149,  
184, 199) }
```

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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