

Converting Colors

$Yxy(44.1704, 0.2955, 0.3384)$

Have a look what the booklet for
Yxy(44.1704, 0.2955, 0.3384)
contains.

Yxy(44.0695, 0.2958, 0.3387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.0695, 0.2958, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	9CB7B0
RGB	156, 183, 176
RGB Percent	61%, 72%, 69%
CMY	0.3880, 0.2824, 0.3098
CMYK	0.15, 0.00, 0.04, 0.28
HSL	164°, 16%, 66%
HSV	164°, 15%, 72%
XYZ	38.4876, 44.0695, 47.5565
YIQ	174.1290, -13.8450, -7.9010

Conversions

Conversions Part 2

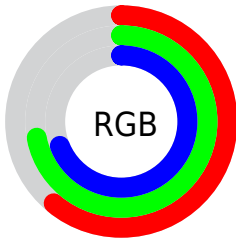
Format	Color
RYB	156, 172, 183
Decimal	10270640
CIELab	72.27, -10.58, 0.45
CIElCh	72, 10.594, 177.547
Yxy	44.0695, 0.2958, 0.3387
Android (android.graphics.Color)	4288460720 (0xFF9CB7B0)
YUV	174.1290, 0.9224, -15.8991
Hunter-Lab	66.3849, -12.6854, 3.9954

Details

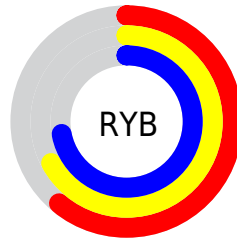
The Yxy color **44.0695, 0.2958, 0.3387** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.5047, 0.3329, 0.3195**, and the grayscale version is **42.4028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4081, 0.2988, 0.3365**, and **20.3636, 0.2899, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **42.1960, 0.2850, 0.3461**, and if you desaturate by 10%, it is **46.2283, 0.3072, 0.3320**.

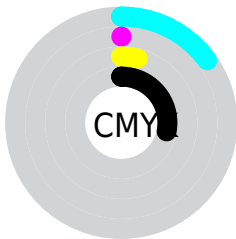
Distribution



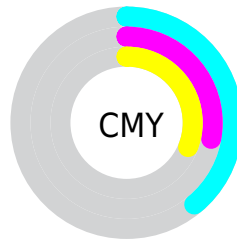
- Red (61%)
- Green (72%)
- Blue (69%)



- Red (61%)
- Yellow (67%)
- Blue (72%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (28%)





- Cyan (39%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0695, 0.2958, 0.3387 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 44.0695, 0.2958, 0.3387 by changing the saturation by 10% instead.

 44.0695, 0.2958,
0.3387


 44.0695, 0.2958,
0.3387

362.9918, 0.3043,
0.3338

 30.7252, 0.2936,
0.3399


 81.3223, 0.2989,
0.3369

 20.3896, 0.2908,
0.3415


 105.9996, 0.3001,
0.3362

 12.6786, 0.2871,
0.3437


135.2232, 0.3011,
0.3357

 7.2076, 0.2818,
0.3468

169.3777, 0.3019,
0.3352

 3.5923, 0.2738,
0.3514

208.8475, 0.3026,
0.3348

 1.4482, 0.2601,
0.3594

254.0168, 0.3033,

 0.2518, 0.0000,

0.3344

0.5094

305.2701, 0.3038,
0.3341

0.0000, 0.0000,
0.0000

44.0695, 0.2958,
0.3387

44.0695, 0.2958,
0.3387

42.1960, 0.2850,
0.3461

46.2283, 0.3072,
0.3320

40.5900, 0.2751,
0.3541

48.6784, 0.3189,
0.3259

39.2400, 0.2664,
0.3627

51.4325, 0.3308,
0.3204

38.1317, 0.2591,
0.3717

54.5011, 0.3426,
0.3156

37.2491, 0.2535,
0.3811

57.8939, 0.3543,
0.3114

■ 36.5746, 0.2497,
0.3907

■ 59.5054, 0.3565,
0.3069

■ 36.0875, 0.2480,
0.4003

■ 59.7372, 0.3525,
0.3021

■ 35.7631, 0.2481,
0.4099

■ 59.9759, 0.3485,
0.2973

■ 35.6291, 0.2486,
0.4150

■ 60.2216, 0.3445,
0.2926

Harmonies

Analogous

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



44.0695, 0.3098, 0.3501



44.0695, 0.2958, 0.3387



44.0695, 0.2864, 0.3248

Triad

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



44.0695, 0.2958, 0.3387



44.0695, 0.3001, 0.3039



44.0695, 0.3425, 0.3446

Complementary

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



44.0695, 0.2958, 0.3387



36.5047, 0.3329, 0.3195

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.



44.0695, 0.3398, 0.3323



44.0695, 0.2958, 0.3387



44.0695, 0.3151, 0.3092

Square

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



44.0695, 0.2958, 0.3387



44.0695, 0.2888, 0.3050



44.0695, 0.3297, 0.3194



44.0695, 0.3369, 0.3532

Rectangle

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



44.0695, 0.2958, 0.3387



44.0695, 0.2839, 0.3161



44.0695, 0.3297, 0.3194



44.0695, 0.3425, 0.3408

Sweetspot

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



44.0713, 0.2958, 0.3387



83.0747, 0.3080, 0.3315



44.0767, 0.3170, 0.3669



18.2798, 0.3071, 0.3320



93.3107, 0.3127, 0.3290



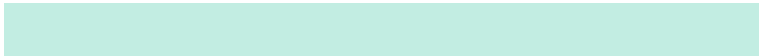
18.7317, 0.3127, 0.3290

Same Dimension

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



44.0713, 0.2958, 0.3387



77.6818, 0.2919, 0.3413



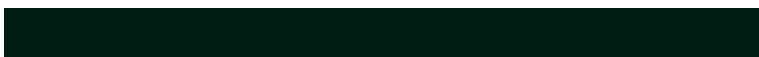
41.8191, 0.2904, 0.3202



10.1698, 0.3019, 0.3350



24.8696, 0.2483, 0.4138



0.8862, 0.2415, 0.3892

Inverse Universe

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



36.5047, 0.3329, 0.3195



61.2535, 0.3388, 0.3171



38.4270, 0.3384, 0.3377



9.0494, 0.3248, 0.3231



7.1784, 0.5869, 0.3007



0.2635, 0.5120, 0.2594

Previews

White Background



This preview shows how the Yxy color 44.0695, 0.2958, 0.3387 looks on a white background.

Color Contrast Check

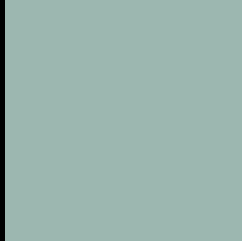
Large Text (above 18pt) WCAG AA × Fail

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 44.0695, 0.2958, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

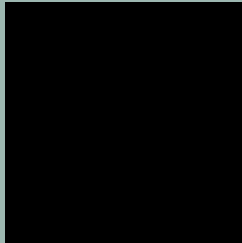
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

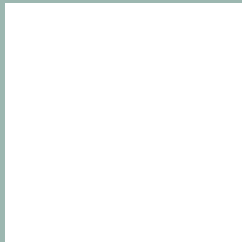
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0695, 0.2958, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 44.0695, 0.2958, 0.3387.



This preview shows how white text looks on a background with the Yxy color 44.0695, 0.2958, 0.3387.

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

44.0695, 0.2958, 0.3387

Protanopia

43.8530, 0.3204, 0.3343

Deuteranopia

43.6776, 0.3267, 0.3201



Tritanopia

43.9536, 0.2842, 0.3087

Trichromacy



Original Color

44.0695, 0.2958, 0.3387

Protanomaly

44.0280, 0.3115, 0.3371

Deuteranomaly

43.5376, 0.3155, 0.3264

Tritanomaly

43.9477, 0.2885, 0.3193

Monochromacy



Original Color

44.0695, 0.2958, 0.3387

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.7549, 0.3057, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0695, 0.2958, 0.3387 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, 183, 176)` looks like.

```
.text, #text, p{  
    color:rgb(156, 183, 176)  
}
```

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, 183, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 183, 176) }
```

Border

The CSS property to change the border of an element to Yxy 44.0695, 0.2958, 0.3387 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, 183, 176) }
```

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

```
.border{ border-color:rgb(156, 183, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 183, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 183, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 183, 176);  
box-shadow:4px 4px 4px 4px rgb(156, 183,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0695, 0.2958, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 183, 176) }
```

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

```
.background{ background-color: rgb(156,  
183, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor