

Converting Colors

$Y_{xy}(44.1625, 0.2954, 0.3369)$

Have a look what the booklet for
Yxy(44.1625, 0.2954, 0.3369)
contains.

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Color

Yxy(44.2094, 0.2958, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	9DB7B1
RGB	157, 183, 177
RGB Percent	62%, 72%, 69%
CMY	0.3844, 0.2823, 0.3058
CMYK	0.14, 0.00, 0.03, 0.28
HSL	166°, 15%, 67%
HSV	166°, 14%, 72%
XYZ	38.7701, 44.2094, 48.0890
YIQ	174.5420, -13.5700, -7.3780

Conversions

Conversions Part 2

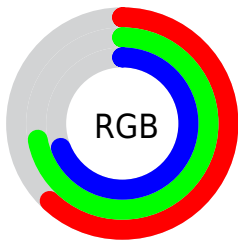
Format	Color
RYB	157, 172, 183
Decimal	10336177
CIELab	72.37, -10.08, 0.05
CIElCh	72, 10.084, 179.715
Yxy	44.2094, 0.2958, 0.3373
Android (android.graphics.Color)	4288526257 (0xFF9DB7B1)
YUV	174.5420, 1.2118, -15.3843
Hunter-Lab	66.4901, -12.2753, 3.6616

Details

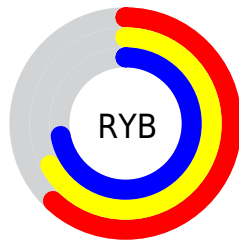
The Yxy color **44.2094, 0.2958, 0.3373** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.8159, 0.3329, 0.3209**, and the grayscale version is **42.6183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6132, 0.2989, 0.3354**, and **20.4238, 0.2910, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **42.3410, 0.2846, 0.3438**, and if you desaturate by 10%, it is **46.3624, 0.3076, 0.3313**.

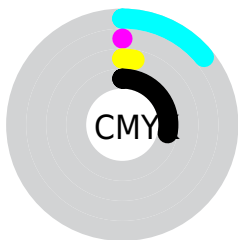
Distribution



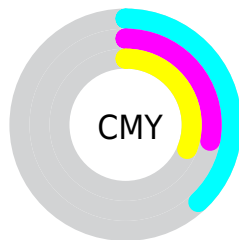
- Red (62%)
- Green (72%)
- Blue (69%)



- Red (62%)
- Yellow (67%)
- Blue (72%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)




- Cyan (38%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2094, 0.2958, 0.3373 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 44.2094, 0.2958, 0.3373 by changing the saturation by 10% instead.

 44.2094, 0.2958,
0.3373

 44.2094, 0.2958,
0.3373

363.5621, 0.3043,
0.3331

 30.8352, 0.2936,
0.3384


 81.5327, 0.2989,
0.3358

 20.4734, 0.2909,
0.3397


 106.2506, 0.3001,
0.3352

 12.7396, 0.2871,
0.3415


135.5186, 0.3011,
0.3347

 7.2495, 0.2819,
0.3441

169.7209, 0.3019,
0.3343

 3.6186, 0.2739,
0.3480

209.2420, 0.3026,
0.3340

 1.4626, 0.2604,
0.3547

254.4663, 0.3033,

 0.2622, 0.0055,

0.3336

0.4791

305.7782, 0.3038,
0.3334

0.0000, 0.0000,
0.0000

44.2094, 0.2958,
0.3373

44.2094, 0.2958,
0.3373

42.3410, 0.2846,
0.3438

46.3624, 0.3076,
0.3313

40.7395, 0.2744,
0.3509

48.8059, 0.3198,
0.3260

39.3934, 0.2653,
0.3584

51.5527, 0.3321,
0.3212

38.2884, 0.2577,
0.3664

54.6130, 0.3444,
0.3169

37.4088, 0.2518,
0.3746

57.9967, 0.3564,
0.3131

■ 36.7369, 0.2477,
0.3830

■ 59.4107, 0.3584,
0.3091

■ 36.2525, 0.2456,
0.3915

■ 59.6137, 0.3548,
0.3048

■ 35.9309, 0.2454,
0.3999

■ 59.8221, 0.3512,
0.3005

■ 35.7895, 0.2458,
0.4048

■ 60.0362, 0.3476,
0.2963

Harmonies

Analogous

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



44.2094, 0.3090, 0.3484



44.2094, 0.2958, 0.3373



44.2094, 0.2872, 0.3240

Triad

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



44.2094, 0.2958, 0.3373



44.2094, 0.3017, 0.3053



44.2094, 0.3409, 0.3446

Complementary

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



44.2094, 0.2958, 0.3373



36.8159, 0.3329, 0.3209

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.



44.2094, 0.3389, 0.3330



44.2094, 0.2958, 0.3373



44.2094, 0.3160, 0.3107

Square

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



44.2094, 0.2958, 0.3373



44.2094, 0.2906, 0.3058



44.2094, 0.3297, 0.3207



44.2094, 0.3351, 0.3524

Rectangle

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



44.2094, 0.2958, 0.3373



44.2094, 0.2852, 0.3160



44.2094, 0.3297, 0.3207



44.2094, 0.3411, 0.3410

Sweetspot

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



44.2112, 0.2958, 0.3373



83.0904, 0.3078, 0.3313



44.0962, 0.3162, 0.3656



18.2839, 0.3069, 0.3317



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.



44.2112, 0.2958, 0.3373



78.0968, 0.2923, 0.3392



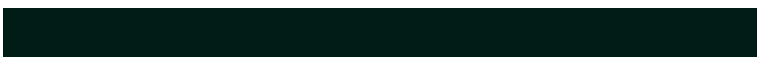
41.6613, 0.2911, 0.3193



10.1743, 0.3015, 0.3343



24.9750, 0.2455, 0.4038



0.8892, 0.2395, 0.3821

Inverse Universe

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



36.8159, 0.3329, 0.3209



62.3501, 0.3380, 0.3190



39.0222, 0.3373, 0.3385



9.0452, 0.3253, 0.3238



7.1496, 0.5959, 0.3056



0.2617, 0.5228, 0.2654

Previews

White Background



This preview shows how the Yxy color 44.2094, 0.2958, 0.3373 looks on a white background.

Color Contrast Check

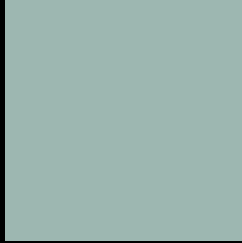
Large Text (above 18pt) WCAG AA × Fail

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 44.2094, 0.2958, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

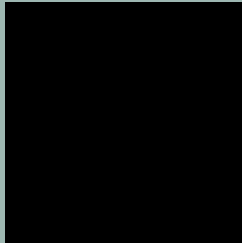
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

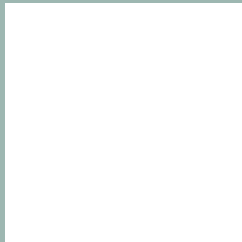
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2094, 0.2958, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 44.2094, 0.2958, 0.3373.



This preview shows how white text looks on a background with the Yxy color 44.2094, 0.2958, 0.3373.

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

44.2094, 0.2958, 0.3373

Protanopia

43.8916, 0.3196, 0.3330

Deuteranopia

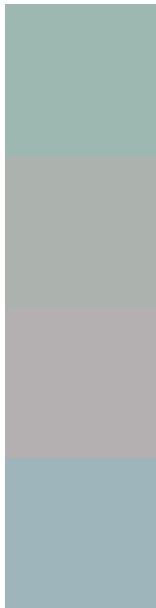
44.0972, 0.3258, 0.3201



Tritanopia

44.0562, 0.2850, 0.3087

Trichromacy



Original Color

44.2094, 0.2958, 0.3373

Protanomaly

44.0668, 0.3107, 0.3358

Deuteranomaly

43.9683, 0.3146, 0.3264

Tritanomaly

44.0495, 0.2893, 0.3194

Monochromacy



Original Color

44.2094, 0.2958, 0.3373

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.3002, 0.3057, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2094, 0.2958, 0.3373 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(157, 183, 177)` looks like.

```
.text, #text, p{  
    color:rgb(157, 183, 177)  
}
```

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(157, 183, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 183, 177) }
```

Border

The CSS property to change the border of an element to Yxy 44.2094, 0.2958, 0.3373 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(157, 183, 177) }
```

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

```
.border{ border-color:rgb(157, 183, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 183, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 183, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 183, 177);  
box-shadow:4px 4px 4px 4px rgb(157, 183,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2094, 0.2958, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 183, 177) }
```

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

```
.background{ background-color: rgb(157,  
183, 177) }
```

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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