

Converting Colors

$Yxy(44.8454, 0.2944, 0.3345)$

Have a look what the booklet for
Yxy(44.8454, 0.2944, 0.3345)
contains.

Yxy(44.8454, 0.2944, 0.3345)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.8454, 0.2944, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	9EB8B4
RGB	158, 184, 180
RGB Percent	62%, 72%, 71%
CMY	0.3806, 0.2784, 0.2941
CMYK	0.14, 0.00, 0.02, 0.28
HSL	171°, 16%, 67%
HSV	171°, 14%, 72%
XYZ	39.4693, 44.8454, 49.7523
YIQ	175.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

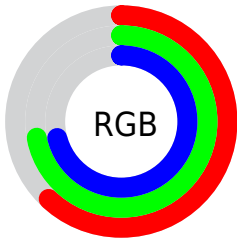
Format	Color
RYB	158, 172, 184
Decimal	10401972
CIELab	72.79, -9.69, -0.96
CIELCh	73, 9.733, 185.654
Yxy	44.8454, 0.2944, 0.3345
Android (android.graphics.Color)	4288592052 (0xFF9EB8B4)
YUV	175.7700, 2.0854, -15.5843
Hunter-Lab	66.9667, -11.9861, 2.8278

Details

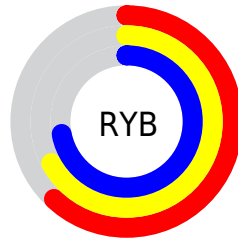
The Yxy color **44.8454, 0.2944, 0.3345** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.2324, 0.3347, 0.3236**, and the grayscale version is **43.2798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5224, 0.2977, 0.3332**, and **20.8291, 0.2891, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **43.0051, 0.2823, 0.3388**, and if you desaturate by 10%, it is **46.9712, 0.3072, 0.3305**.

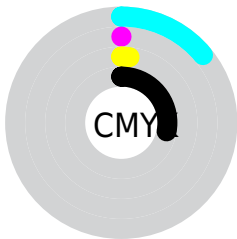
Distribution



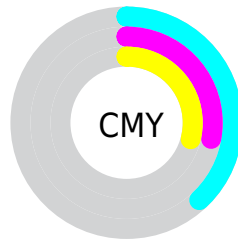
- Red (62%)
- Green (72%)
- Blue (71%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)





- Cyan (38%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8454, 0.2944, 0.3345 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 44.8454, 0.2944, 0.3345 by changing the saturation by 10% instead.


 44.8454, 0.2944,
0.3345

 44.8454, 0.2944,
0.3345


366.1471, 0.3036,
0.3318

 31.3357, 0.2921,
0.3352


 82.4884, 0.2978,
0.3335

 20.8546, 0.2891,
0.3360


 107.3904, 0.2990,
0.3331

 13.0178, 0.2851,
0.3372


136.8587, 0.3001,
0.3328

 7.4408, 0.2795,
0.3388

171.2775, 0.3010,
0.3326

 3.7393, 0.2711,
0.3412

211.0314, 0.3018,
0.3323

 1.5288, 0.2570,
0.3451

256.5047, 0.3025,

 0.3089, 0.0743,

0.3321

0.4015

308.0818, 0.3031,
0.3319

0.0000, 0.0000,
0.0000

44.8454, 0.2944,
0.3345

44.8454, 0.2944,
0.3345

43.0051, 0.2823,
0.3388

46.9712, 0.3072,
0.3305

41.4323, 0.2712,
0.3435

49.3885, 0.3205,
0.3270

40.1155, 0.2614,
0.3484

52.1101, 0.3340,
0.3237

39.0403, 0.2532,
0.3536

55.1465, 0.3475,
0.3209

38.1908, 0.2467,
0.3589

58.5076, 0.3608,
0.3184

■ 37.5490, 0.2421,
0.3643

■ 59.5823, 0.3627,
0.3156

■ 37.0945, 0.2394,
0.3698

■ 59.7138, 0.3602,
0.3127

■ 36.8024, 0.2385,
0.3752

■ 59.8478, 0.3578,
0.3098

■ 36.6769, 0.2384,
0.3784

■ 59.9842, 0.3554,
0.3069

Harmonies

Analogous

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



44.8454, 0.3064, 0.3459



44.8454, 0.2944, 0.3345



44.8454, 0.2873, 0.3218

Triad

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



44.8454, 0.2944, 0.3345



44.8454, 0.3047, 0.3068



44.8454, 0.3392, 0.3459

Complementary

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



44.8454, 0.2944, 0.3345



37.2324, 0.3347, 0.3236

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.



44.8454, 0.3388, 0.3353



44.8454, 0.2944, 0.3345



44.8454, 0.3187, 0.3130

Square

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



44.8454, 0.2944, 0.3345



44.8454, 0.2932, 0.3061



44.8454, 0.3312, 0.3233



44.8454, 0.3324, 0.3523

Rectangle

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



44.8454, 0.2944, 0.3345



44.8454, 0.2862, 0.3145



44.8454, 0.3312, 0.3233



44.8454, 0.3399, 0.3427

Sweetspot

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



44.8473, 0.2944, 0.3345



85.1712, 0.3074, 0.3305



44.4671, 0.3147, 0.3656



18.2949, 0.3064, 0.3308



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.



44.8473, 0.2944, 0.3345



80.1858, 0.2906, 0.3358



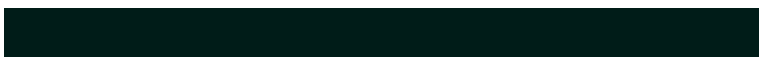
41.5113, 0.2911, 0.3169



10.1862, 0.3005, 0.3325



25.2796, 0.2383, 0.3777



0.8977, 0.2344, 0.3637

Inverse Universe

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



37.2324, 0.3347, 0.3236



63.7165, 0.3404, 0.3223



40.1619, 0.3368, 0.3408



9.0342, 0.3264, 0.3255



7.0891, 0.6160, 0.3167



0.2571, 0.5548, 0.2830

Previews

White Background



This preview shows how the Yxy color 44.8454, 0.2944, 0.3345 looks on a white background.

Color Contrast Check

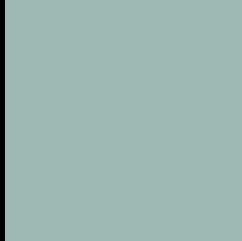
Large Text (above 18pt) WCAG AA × Fail

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 44.8454, 0.2944, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

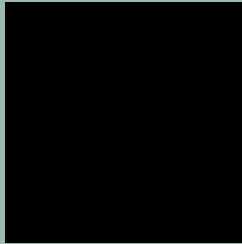
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

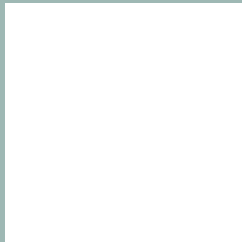
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8454, 0.2944, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 44.8454, 0.2944, 0.3345.



This preview shows how white text looks on a background with the Yxy color 44.8454, 0.2944, 0.3345.

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

44.8454, 0.2944, 0.3345

Protanopia

44.5240, 0.3179, 0.3303

Deuteranopia

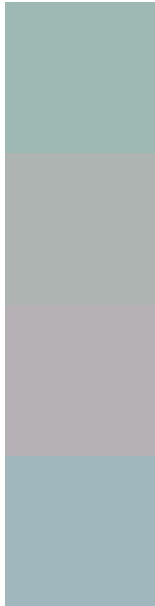
44.7339, 0.3240, 0.3176



Tritanopia

45.0185, 0.2852, 0.3102

Trichromacy



Original Color

44.8454, 0.2944, 0.3345

Protanomaly

44.7011, 0.3091, 0.3330

Deuteranomaly

44.6042, 0.3130, 0.3237

Tritanomaly

45.0583, 0.2887, 0.3195

Monochromacy



Original Color

44.8454, 0.2944, 0.3345

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.8495, 0.3057, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8454, 0.2944, 0.3345 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(158, 184, 180)` looks like.

```
.text, #text, p{  
    color:rgb(158, 184, 180)  
}
```

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(158, 184, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 184, 180) }
```

Border

The CSS property to change the border of an element to Yxy 44.8454, 0.2944, 0.3345 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(158, 184, 180) }
```

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

```
.border{ border-color:rgb(158, 184, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 184, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 184, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 184, 180);  
box-shadow:4px 4px 4px 4px rgb(158, 184,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8454, 0.2944, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 184, 180) }
```

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

```
.background{ background-color: rgb(158,  
184, 180) }
```

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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