

Converting Colors

$Yxy(48.7745, 0.2944, 0.3289)$

Have a look what the booklet for
Yxy(48.7745, 0.2944, 0.3289)
contains.

Yxy(48.7601, 0.2944, 0.3289)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.7601, 0.2944, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	A7BEBE
RGB	167, 190, 190
RGB Percent	65%, 75%, 75%
CMY	0.3451, 0.2549, 0.2548
CMYK	0.12, 0.00, 0.00, 0.25
HSL	180°, 15%, 70%
HSV	180°, 12%, 75%
XYZ	43.6454, 48.7601, 55.8465
YIQ	183.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

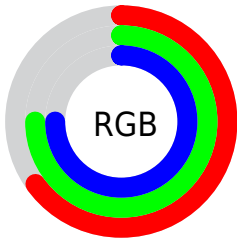
Format	Color
R _Y B	167, 179, 190
Decimal	10993342
CIE Lab	75.30, -7.79, -2.68
CIE LCh	75, 8.242, 198.956
Yxy	48.7601, 0.2944, 0.3289
Android (android.graphics.Color)	4289183422 (0xFFA7BEBE)
YUV	183.1230, 3.3904, -14.1399
Hunter-Lab	69.8284, -10.6305, 1.4617

Details

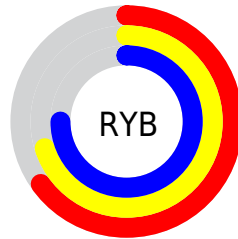
The Yxy color **48.7601, 0.2944, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.3876, 0.3343, 0.3291**, and the grayscale version is **47.4127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0950, 0.2977, 0.3290**, and **23.3423, 0.2893, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **46.8306, 0.2803, 0.3288**, and if you desaturate by 10%, it is **50.9978, 0.3094, 0.3290**.

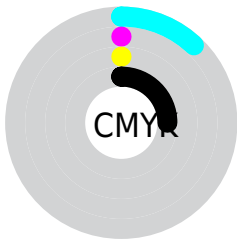
Distribution



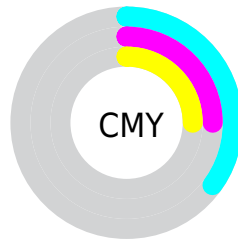
- Red (65%)
- Green (75%)
- Blue (75%)



- Red (65%)
- Yellow (70%)
- Blue (75%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7601, 0.2944, 0.3289 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 48.7601, 0.2944, 0.3289 by changing the saturation by 10% instead.

■ 48.7601, 0.2944,
0.3289

■ 48.7601, 0.2944,
0.3289

■ 381.7971, 0.3035,
0.3290

■ 34.4292, 0.2922,
0.3289

■ 88.3350, 0.2977,
0.3290

■ 23.2235, 0.2893,
0.3288

■ 114.3479, 0.2989,
0.3290

■ 14.7586, 0.2856,
0.3287

■ 145.0235, 0.2999,
0.3290

■ 8.6502, 0.2804,
0.3285

■ 180.7463, 0.3008,
0.3290

■ 4.5137, 0.2727,
0.3282

■ 221.9007, 0.3016,
0.3290

■ 1.9649, 0.2603,
0.3274

■ 268.8710, 0.3023,

■ 0.5869, 0.2064,

0.3290

322.0417, 0.3029,
0.3290

0.3296

0.0000, 0.0000,
0.0000

48.7601, 0.2944,
0.3289

48.7601, 0.2944,
0.3289

46.8306, 0.2803,
0.3288

50.9978, 0.3094,
0.3290

45.1899, 0.2674,
0.3287

53.5501, 0.3251,
0.3291

43.8260, 0.2559,
0.3287

56.4306, 0.3410,
0.3291

42.7234, 0.2461,
0.3286

59.6505, 0.3571,
0.3292

41.8654, 0.2382,
0.3285

61.8666, 0.3671,
0.3293

■ 41.2330, 0.2322,
0.3285

■ 61.8784, 0.3671,
0.3293

■ 40.8047, 0.2280,
0.3284

■ 61.8902, 0.3671,
0.3293

■ 40.5546, 0.2256,
0.3283

■ 61.9021, 0.3671,
0.3294

■ 40.4441, 0.2245,
0.3283

■ 61.9139, 0.3671,
0.3294

Harmonies

Analogous

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



48.7601, 0.3028, 0.3390



48.7601, 0.2944, 0.3289



48.7601, 0.2909, 0.3190

Triad

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



48.7601, 0.2944, 0.3289



48.7601, 0.3112, 0.3124



48.7601, 0.3327, 0.3459

Complementary

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



48.7601, 0.2944, 0.3289



41.3876, 0.3343, 0.3291

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.



48.7601, 0.3351, 0.3384



48.7601, 0.2944, 0.3289



48.7601, 0.3225, 0.3193

Square

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



48.7601, 0.2944, 0.3289



48.7601, 0.3004, 0.3097



48.7601, 0.3314, 0.3287



48.7601, 0.3249, 0.3489

Rectangle

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



48.7601, 0.2944, 0.3289



48.7601, 0.2917, 0.3139



48.7601, 0.3314, 0.3287



48.7601, 0.3342, 0.3438

Sweetspot

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



48.7621, 0.2944, 0.3289



91.5473, 0.3065, 0.3290



47.8468, 0.3112, 0.3603



20.0326, 0.3053, 0.3290



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



48.7621, 0.2944, 0.3289



87.1783, 0.2899, 0.3289



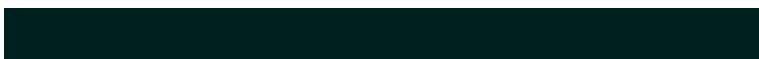
43.9793, 0.2941, 0.3135



10.8072, 0.2985, 0.3289



26.8827, 0.2245, 0.3283



1.0538, 0.2246, 0.3284

Inverse Universe

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



42.3037, 0.3141, 0.2996



72.7871, 0.3145, 0.2919



45.7870, 0.3324, 0.3440



9.6961, 0.3138, 0.3064



9.7435, 0.3213, 0.1543



0.3817, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 48.7601, 0.2944, 0.3289 looks on a white background.

Color Contrast Check

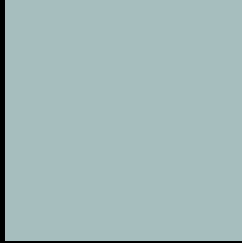
Large Text (above 18pt) WCAG AA × Fail

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 48.7601, 0.2944, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

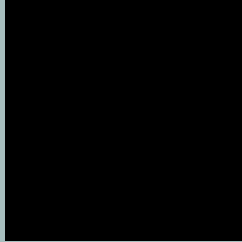
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

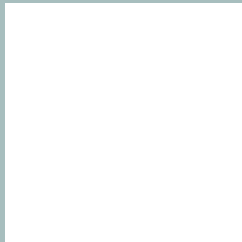
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7601, 0.2944, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 48.7601, 0.2944, 0.3289.

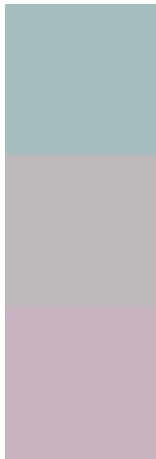


This preview shows how white text looks on a background with the Yxy color 48.7601, 0.2944, 0.3289.

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

48.7601, 0.2944, 0.3289

Protanopia

48.5602, 0.3137, 0.3252

Deuteranopia

48.7276, 0.3203, 0.3143



Tritanopia

48.7133, 0.2868, 0.3096

Trichromacy



Original Color

48.7601, 0.2944, 0.3289

Protanomaly

48.4519, 0.3062, 0.3264

Deuteranomaly

48.7339, 0.3106, 0.3202

Tritanomaly

48.7972, 0.2895, 0.3172

Monochromacy



Original Color

48.7601, 0.2944, 0.3289

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.0101, 0.3053, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7601, 0.2944, 0.3289 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(167, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(167, 190, 190)  
}
```

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(167, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 190, 190) }
```

Border

The CSS property to change the border of an element to Yxy 48.7601, 0.2944, 0.3289 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(167, 190, 190) }
```

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

```
.border{ border-color:rgb(167, 190, 190) }
```

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

Here you see how a box with a 4 pixel rgb(167, 190, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(167, 190,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7601, 0.2944, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 190, 190) }
```

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

```
.background{ background-color: rgb(167,  
190, 190) }
```

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