

Converting Colors

$Yxy(47.5408, 0.2934, 0.3252)$

Have a look what the booklet for
Yxy(47.5408, 0.2934, 0.3252)
contains.

Yxy(47.3653, 0.2936, 0.3250)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.3653, 0.2936, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	A6BBBE
RGB	166, 187, 190
RGB Percent	65%, 73%, 75%
CMY	0.3490, 0.2666, 0.2550
CMYK	0.13, 0.02, 0.00, 0.26
HSL	187°, 16%, 70%
HSV	187°, 13%, 74%
XYZ	42.7891, 47.3653, 55.5850
YIQ	181.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

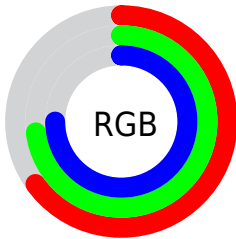
Format	Color
RYB	166, 177, 190
Decimal	10927038
CIELab	74.42, -6.55, -3.94
CIELCh	74, 7.641, 211.062
Yxy	47.3653, 0.2936, 0.3250
Android (android.graphics.Color)	4289117118 (0xFFA6BBBE)
YUV	181.0630, 4.4059, -13.2103
Hunter-Lab	68.8225, -9.4602, 0.2897

Details

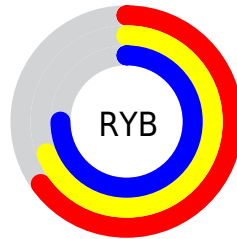
The Yxy color **47.3653, 0.2936, 0.3250** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.0639, 0.3348, 0.3330**, and the grayscale version is **46.2263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1272, 0.2970, 0.3259**, and **22.4337, 0.2881, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **44.4738, 0.2791, 0.3215**, and if you desaturate by 10%, it is **50.5804, 0.3087, 0.3282**.

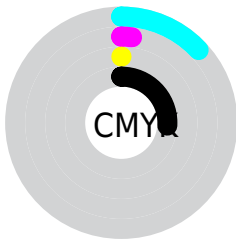
Distribution



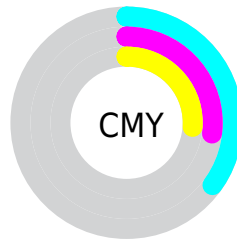
- Red (65%)
- Green (73%)
- Blue (75%)



- Red (65%)
- Yellow (69%)
- Blue (75%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)





- Cyan (35%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3653, 0.2936, 0.3250 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 47.3653, 0.2936, 0.3250 by changing the saturation by 10% instead.


 47.3653, 0.2936,
0.3250


 47.3653, 0.2936,
0.3250


376.2708, 0.3031,
0.3271

 33.3245, 0.2913,
0.3245


 86.2586, 0.2970,
0.3258

 22.3752, 0.2882,
0.3238


 111.8800, 0.2983,
0.3261

 14.1328, 0.2843,
0.3228


142.1304, 0.2994,
0.3263

 8.2131, 0.2787,
0.3214

177.3941, 0.3004,
0.3265

 4.2316, 0.2706,
0.3193

218.0556, 0.3012,
0.3267

 1.8040, 0.2573,
0.3156

264.4993, 0.3019,

 0.4896, 0.1905,

0.3268

0.3053

317.1096, 0.3025,
0.3270

0.0000, 0.0000,
0.0000

47.3653, 0.2936,
0.3250

47.3653, 0.2936,
0.3250

44.4738, 0.2791,
0.3215

50.5804, 0.3087,
0.3282

41.8866, 0.2654,
0.3178

54.1256, 0.3241,
0.3311

39.5913, 0.2529,
0.3138

58.0147, 0.3396,
0.3337

37.5726, 0.2419,
0.3097

62.2590, 0.3549,
0.3361

35.8133, 0.2326,
0.3054

65.7141, 0.3650,
0.3383

■ 34.2945, 0.2251,
0.3011

■ 66.8029, 0.3644,
0.3407

■ 32.9943, 0.2194,
0.2968

■ 67.9086, 0.3638,
0.3431

■ 31.8866, 0.2157,
0.2925

■ 69.0311, 0.3632,
0.3455

■ 31.1549, 0.2137,
0.2894

■ 70.1705, 0.3626,
0.3479

Harmonies

Analogous

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



47.3653, 0.2998, 0.3347



47.3653, 0.2936, 0.3250



47.3653, 0.2924, 0.3166

Triad

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



47.3653, 0.2936, 0.3250



47.3653, 0.3157, 0.3156



47.3653, 0.3290, 0.3465

Complementary

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



47.3653, 0.2936, 0.3250



42.0639, 0.3348, 0.3330

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.



47.3653, 0.3334, 0.3410



47.3653, 0.2936, 0.3250



47.3653, 0.3257, 0.3233

Square

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



47.3653, 0.2936, 0.3250



47.3653, 0.3050, 0.3114



47.3653, 0.3322, 0.3325



47.3653, 0.3202, 0.3473

Rectangle

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



47.3653, 0.2936, 0.3250



47.3653, 0.2946, 0.3128



47.3653, 0.3322, 0.3325



47.3653, 0.3310, 0.3451

Sweetspot

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



47.3673, 0.2936, 0.3250



90.8079, 0.3065, 0.3278



47.7797, 0.3091, 0.3578



19.8399, 0.3053, 0.3275



97.7402, 0.3127, 0.3290



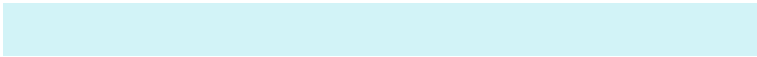
20.4902, 0.3127, 0.3290

Same Dimension

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



47.3673, 0.2936, 0.3250



84.4311, 0.2897, 0.3241



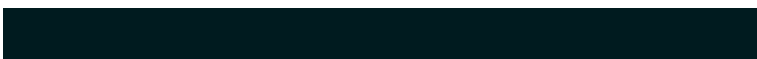
42.5604, 0.2932, 0.3090



10.6025, 0.2985, 0.3261



20.8015, 0.2139, 0.2899



0.8721, 0.2167, 0.3001

Inverse Universe

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



41.8076, 0.3167, 0.3020



72.5098, 0.3176, 0.2963



46.6577, 0.3328, 0.3482



9.6754, 0.3156, 0.3091



9.1296, 0.3544, 0.1726



0.3634, 0.3453, 0.1676

Previews

White Background



This preview shows how the Yxy color 47.3653, 0.2936, 0.3250 looks on a white background.

Color Contrast Check

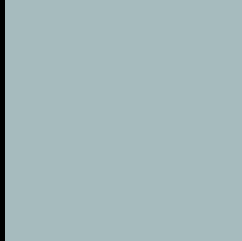
Large Text (above 18pt) WCAG AA × Fail

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 47.3653, 0.2936, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

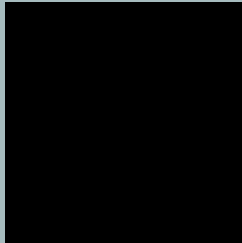
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

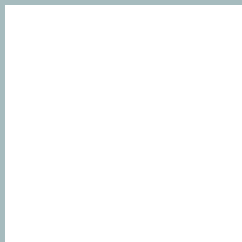
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.3653, 0.2936, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 47.3653, 0.2936, 0.3250.



This preview shows how white text looks on a background with the Yxy color 47.3653, 0.2936, 0.3250.

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

47.3653, 0.2936, 0.3250

Protanopia

47.3580, 0.3113, 0.3226

Deuteranopia

46.9858, 0.3171, 0.3104



Tritanopia

47.1929, 0.2879, 0.3094

Trichromacy



Original Color

47.3653, 0.2936, 0.3250

Protanomaly

47.3768, 0.3046, 0.3238

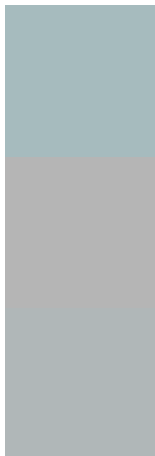
Deuteranomaly

47.1236, 0.3082, 0.3162

Tritanomaly

47.3188, 0.2900, 0.3158

Monochromacy



Original Color

47.3653, 0.2936, 0.3250

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.5578, 0.3061, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3653, 0.2936, 0.3250 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(166, 187, 190)` looks like.

```
.text, #text, p{  
    color:rgb(166, 187, 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(166, 187, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 187, 190) }
```

Border

The CSS property to change the border of an element to Yxy 47.3653, 0.2936, 0.3250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

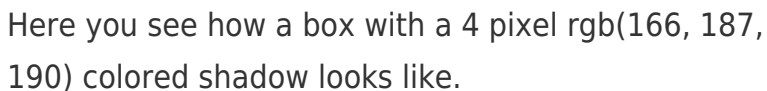
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 187, 190) }
```

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

```
.border{ border-color:rgb(166, 187, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 187, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 187, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 187, 190); box-shadow:4px 4px 4px 4px rgb(166, 187, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3653, 0.2936, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 187, 190) }
```

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

```
.background{ background-color: rgb(166,  
187, 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](#).

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