

Converting Colors

$Y_{xy}(43.4403, 0.2693, 0.3181)$

Have a look what the booklet for
Yxy(43.4403, 0.2693, 0.3181)
contains.

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Color

Yxy(43.2376, 0.2691, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	87B8C0
RGB	135, 184, 192
RGB Percent	53%, 72%, 75%
CMY	0.4707, 0.2784, 0.2470
CMYK	0.30, 0.04, 0.00, 0.25
HSL	188°, 31%, 64%
HSV	188°, 30%, 75%
XYZ	36.6464, 43.2376, 56.2974
YIQ	170.2610, -31.7720, -7.9000

Conversions

Conversions Part 2

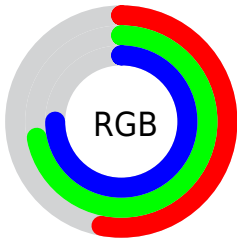
Format	Color
RYB	135, 161, 192
Decimal	8894656
CIELab	71.72, -14.17, -9.29
CIELCh	72, 16.944, 213.248
Yxy	43.2376, 0.2691, 0.3175
Android (android.graphics.Color)	4287084736 (0xFF87B8C0)
YUV	170.2610, 10.7173, -30.9239
Hunter-Lab	65.7553, -15.5910, -4.7333

Details

The Yxy color **43.2376, 0.2691, 0.3175** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.6048, 0.3749, 0.3401**, and the grayscale version is **40.2925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0446, 0.2774, 0.3202**, and **19.9357, 0.2566, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **40.6766, 0.2561, 0.3131**, and if you desaturate by 10%, it is **46.1107, 0.2831, 0.3217**.

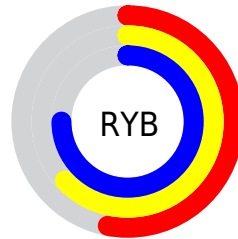
Distribution



Red (53%)

Green (72%)

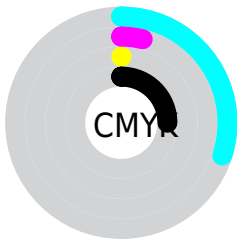
Blue (75%)



Red (53%)

Yellow (63%)

Blue (75%)

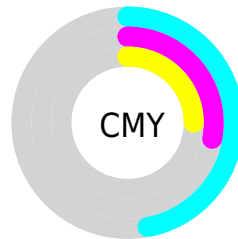


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (25%)



Cyan (47%)


Magenta (28%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2376, 0.2691, 0.3175 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 43.2376, 0.2691, 0.3175 by changing the saturation by 10% instead.


 43.2376, 0.2691,
0.3175

 43.2376, 0.2691,
0.3175


359.5880, 0.2909,
0.3237

 30.0716, 0.2637,
0.3158


 80.0693, 0.2770,
0.3198

 19.8929, 0.2567,
0.3136


 104.5037, 0.2800,
0.3207

 12.3172, 0.2475,
0.3105


 133.4631, 0.2825,
0.3214

 6.9601, 0.2348,
0.3060

167.3319, 0.2846,
0.3220

 3.4372, 0.2159,
0.2987

206.4943, 0.2865,
0.3225

 1.3640, 0.1856,
0.2852

251.3349, 0.2881,

 0.1900, 0.0000,

0.3229

0.1816

302.2380, 0.2896,
0.3233

0.0000, 0.0000,
0.0000

43.2376, 0.2691,
0.3175

43.2376, 0.2691,
0.3175

40.6766, 0.2561,
0.3131

46.1107, 0.2831,
0.3217

38.4071, 0.2444,
0.3084

49.3051, 0.2979,
0.3256

36.4135, 0.2344,
0.3035

52.8360, 0.3132,
0.3291

34.6772, 0.2261,
0.2986

56.7162, 0.3286,
0.3323

33.1765, 0.2197,
0.2937

60.9575, 0.3440,
0.3352

■ 31.8862, 0.2152,
0.2887

■ 65.5713, 0.3591,
0.3377

■ 30.7584, 0.2122,
0.2838

■ 67.7340, 0.3623,
0.3404

■ 30.7260, 0.2121,
0.2837

■ 69.0197, 0.3616,
0.3432

■ 70.3277, 0.3610,
0.3459

Harmonies

Analogous

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



43.2376, 0.2820, 0.3403



43.2376, 0.2691, 0.3175



43.2376, 0.2674, 0.2991

Triad

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



43.2376, 0.2691, 0.3175



43.2376, 0.3210, 0.3002



43.2376, 0.3486, 0.3695

Complementary

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



43.2376, 0.2691, 0.3175



32.6048, 0.3749, 0.3401

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.



43.2376, 0.3601, 0.3568



43.2376, 0.2691, 0.3175



43.2376, 0.3439, 0.3173

Square

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



43.2376, 0.2691, 0.3175



43.2376, 0.2966, 0.2901



43.2376, 0.3584, 0.3376



43.2376, 0.3276, 0.3714

Rectangle

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



43.2376, 0.2691, 0.3175



43.2376, 0.2728, 0.2916



43.2376, 0.3584, 0.3376



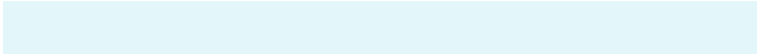
43.2376, 0.3537, 0.3663

Sweetspot

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



43.2393, 0.2691, 0.3175



89.6544, 0.2988, 0.3258



44.8307, 0.3034, 0.4028



19.0425, 0.2966, 0.3252



97.7402, 0.3127, 0.3290



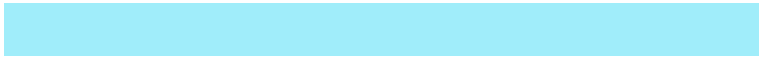
20.4902, 0.3127, 0.3290

Same Dimension

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



43.2393, 0.2691, 0.3175



75.0761, 0.2600, 0.3145



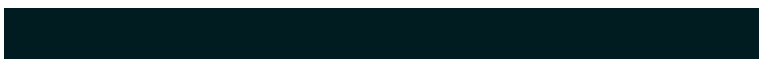
32.6994, 0.2645, 0.2757



11.1792, 0.2984, 0.3257



20.7553, 0.2123, 0.2843



0.9645, 0.2153, 0.2952

Inverse Universe

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



31.9940, 0.3241, 0.2655



51.5540, 0.3273, 0.2508



42.1260, 0.3643, 0.3770



10.2224, 0.3159, 0.3094



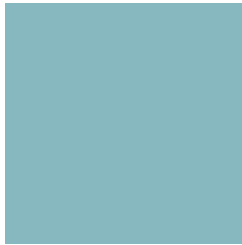
9.3775, 0.3595, 0.1754



0.4120, 0.3496, 0.1700

Previews

White Background



This preview shows how the Yxy color 43.2376, 0.2691, 0.3175 looks on a white background.

Color Contrast Check

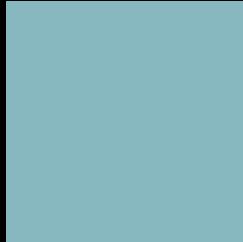
Large Text (above 18pt) WCAG AA × Fail

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 43.2376, 0.2691, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

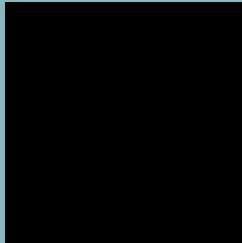
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

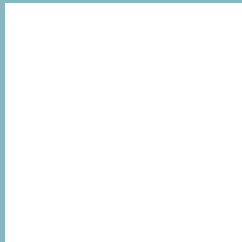
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2376, 0.2691, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 43.2376, 0.2691, 0.3175.



This preview shows how white text looks on a background with the Yxy color 43.2376, 0.2691, 0.3175.

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

43.2376, 0.2691, 0.3175

Protanopia

42.9312, 0.3039, 0.3130

Deuteranopia

42.7569, 0.3037, 0.2967



Tritanopia

43.1784, 0.2658, 0.3079

Trichromacy



Original Color

43.2376, 0.2691, 0.3175

Protanomaly

42.9452, 0.2899, 0.3153

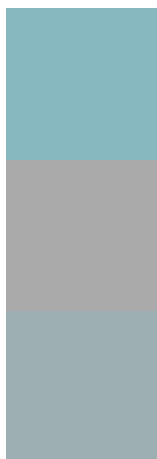
Deuteranomaly

42.6620, 0.2902, 0.3035

Tritanomaly

43.0867, 0.2671, 0.3106

Monochromacy



Original Color

43.2376, 0.2691, 0.3175

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.0424, 0.2949, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2376, 0.2691, 0.3175 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(135, 184, 192)` looks like.

```
.text, #text, p{  
    color:rgb(135, 184, 192)  
}
```

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(135, 184, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 184, 192) }
```

Border

The CSS property to change the border of an element to Yxy 43.2376, 0.2691, 0.3175 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(135, 184, 192) }
```

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

```
.border{ border-color:rgb(135, 184, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 184, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 184, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 184, 192);  
box-shadow:4px 4px 4px 4px rgb(135, 184,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2376, 0.2691, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 184, 192) }
```

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

```
.background{ background-color: rgb(135,  
184, 192) }
```

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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