

Converting Colors

$Yxy(43.1728, 0.2703, 0.3204)$

Have a look what the booklet for
Yxy(43.1728, 0.2703, 0.3204)
contains.

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Color

Yxy(43.1496, 0.2704, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	87B8BE
RGB	135, 184, 190
RGB Percent	53%, 72%, 75%
CMY	0.4706, 0.2784, 0.2548
CMYK	0.29, 0.03, 0.00, 0.25
HSL	187°, 30%, 64%
HSV	187°, 29%, 75%
XYZ	36.4273, 43.1496, 55.1393
YIQ	170.0330, -31.1300, -8.5220

Conversions

Conversions Part 2

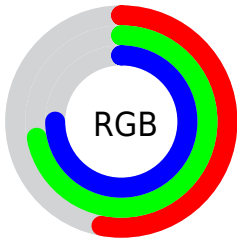
Format	Color
R_{YB}	135, 161, 190
Decimal	8894654
CIE _{Lab}	71.66, -14.64, -8.28
CIE _{LCh}	72, 16.821, 209.502
Yxy	43.1496, 0.2704, 0.3203
Android (android.graphics.Color)	4287084734 (0xFF87B8BE)
YUV	170.0330, 9.8437, -30.7239
Hunter-Lab	65.6884, -15.9680, -3.7867

Details

The Yxy color **43.1496, 0.2704, 0.3203** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.7538, 0.3735, 0.3375**, and the grayscale version is **40.1778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9211, 0.2784, 0.3224**, and **19.8777, 0.2582, 0.3169** is the 20% darker color. If you saturate the color by 10%, you get **40.8555, 0.2576, 0.3169**, and if you desaturate by 10%, it is **45.7412, 0.2843, 0.3235**.

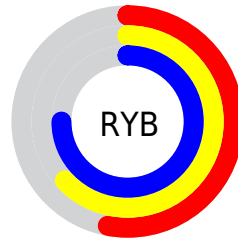
Distribution



Red (53%)

Green (72%)

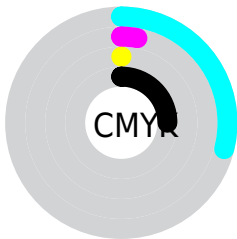
Blue (75%)



Red (53%)

Yellow (63%)

Blue (75%)

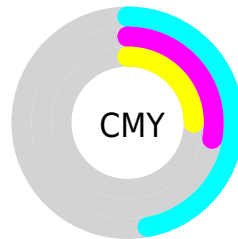


Cyan (29%)

Magenta (3%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (28%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1496, 0.2704, 0.3203 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 43.1496, 0.2704, 0.3203 by changing the saturation by 10% instead.

 43.1496, 0.2704,
0.3203

 43.1496, 0.2704,
0.3203


359.2266, 0.2916,
0.3250


 30.0025, 0.2651,
0.3190


 79.9366, 0.2781,
0.3221

 19.8405, 0.2584,
0.3173


 104.3452, 0.2810,
0.3228

 12.2792, 0.2494,
0.3148


 133.2765, 0.2834,
0.3233

 6.9341, 0.2369,
0.3112

167.1149, 0.2855,
0.3238

 3.4209, 0.2184,
0.3052

206.2447, 0.2873,
0.3242

 1.3552, 0.1886,
0.2939

251.0503, 0.2889,

 0.1834, 0.0000,

0.3245

0.1906

301.9162, 0.2903,
0.3248

0.0000, 0.0000,
0.0000

43.1496, 0.2704,
0.3203

43.1496, 0.2704,
0.3203

40.8555, 0.2576,
0.3169

45.7412, 0.2843,
0.3235

38.8386, 0.2461,
0.3133

48.6390, 0.2991,
0.3265

37.0843, 0.2363,
0.3096

51.8578, 0.3143,
0.3293

35.5745, 0.2283,
0.3058

55.4096, 0.3298,
0.3318

34.2883, 0.2222,
0.3020

59.3062, 0.3453,
0.3340

■ 33.2016, 0.2180,
0.2982

■ 63.5585, 0.3606,
0.3360

■ 32.2724, 0.2153,
0.2945

■ 65.6256, 0.3650,
0.3380

■ 32.1793, 0.2150,
0.2941

■ 66.5866, 0.3644,
0.3402

■ 67.5608, 0.3639,
0.3423

Harmonies

Analogous

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



43.1496, 0.2844, 0.3431



43.1496, 0.2704, 0.3203



43.1496, 0.2673, 0.3012

Triad

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



43.1496, 0.2704, 0.3203



43.1496, 0.3178, 0.2987



43.1496, 0.3504, 0.3682

Complementary

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



43.1496, 0.2704, 0.3203



31.7538, 0.3735, 0.3375

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.



43.1496, 0.3603, 0.3545



43.1496, 0.2704, 0.3203



43.1496, 0.3411, 0.3149

Square

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



43.1496, 0.2704, 0.3203



43.1496, 0.2939, 0.2897



43.1496, 0.3569, 0.3350



43.1496, 0.3304, 0.3716

Rectangle

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



43.1496, 0.2704, 0.3203



43.1496, 0.2717, 0.2929



43.1496, 0.3569, 0.3350



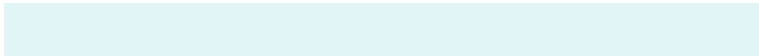
43.1496, 0.3550, 0.3646

Sweetspot

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



43.1513, 0.2704, 0.3203



88.0111, 0.2988, 0.3265



43.8972, 0.3050, 0.4035



19.1489, 0.2966, 0.3260



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.



43.1513, 0.2704, 0.3203



75.3663, 0.2618, 0.3181



32.9847, 0.2661, 0.2801



10.6263, 0.2985, 0.3264



21.4610, 0.2152, 0.2946



0.8922, 0.2177, 0.3035

Inverse Universe

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



31.7367, 0.3220, 0.2651



51.4155, 0.3245, 0.2505



40.7097, 0.3634, 0.3734



9.6778, 0.3154, 0.3088



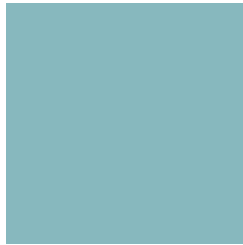
9.1962, 0.3502, 0.1703



0.3654, 0.3423, 0.1659

Previews

White Background



This preview shows how the Yxy color 43.1496, 0.2704, 0.3203 looks on a white background.

Color Contrast Check

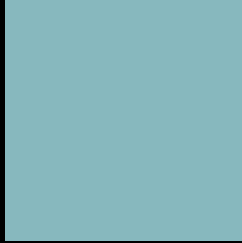
Large Text (above 18pt) WCAG AA × Fail

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 43.1496, 0.2704, 0.3203 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 43.1496, 0.2704, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 43.1496, 0.2704, 0.3203.



This preview shows how white text looks on a background with the Yxy color 43.1496, 0.2704, 0.3203.

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

43.1496, 0.2704, 0.3203

Protanopia

42.8468, 0.3055, 0.3156

Deuteranopia

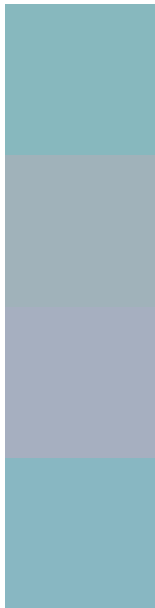
42.7901, 0.3061, 0.2993



Tritanopia

43.2166, 0.2671, 0.3093

Trichromacy



Original Color

43.1496, 0.2704, 0.3203

Protanomaly

42.8595, 0.2914, 0.3180

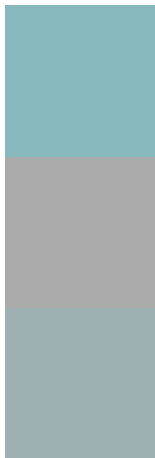
Deuteranomaly

42.5727, 0.2917, 0.3061

Tritanomaly

42.9963, 0.2684, 0.3133

Monochromacy



Original Color

43.1496, 0.2704, 0.3203

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.0024, 0.2957, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1496, 0.2704, 0.3203 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(135, 184, 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(135, 184, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 184, 190) }
```

Border

The CSS property to change the border of an element to Yxy 43.1496, 0.2704, 0.3203 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, 190) }
```

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

```
.border{ border-color:rgb(135, 184, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 184, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 184, 190);  
box-shadow:4px 4px 4px 4px rgb(135, 184,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1496, 0.2704, 0.3203 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, 190) }
```

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

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