

Converting Colors

$Yxy(43.4644, 0.2546, 0.3209)$

Have a look what the booklet for
Yxy(43.4644, 0.2546, 0.3209)
contains.

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Color

Yxy(43.3062, 0.2543, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	70BCC2
RGB	112, 188, 194
RGB Percent	44%, 74%, 76%
CMY	0.5607, 0.2627, 0.2392
CMYK	0.42, 0.03, 0.00, 0.24
HSL	184°, 40%, 60%
HSV	184°, 42%, 76%
XYZ	34.4041, 43.3062, 57.5793
YIQ	165.9600, -47.2220, -14.2460

Conversions

Conversions Part 2

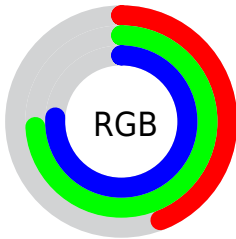
Format	Color
RYB	112, 151, 194
Decimal	7388354
CIELab	71.76, -21.95, -10.42
CIELCh	72, 24.296, 205.393
Yxy	43.3062, 0.2543, 0.3201
Android (android.graphics.Color)	4285578434 (0xFF70BCC2)
YUV	165.9600, 13.8237, -47.3229
Hunter-Lab	65.8074, -21.8432, -5.8115

Details

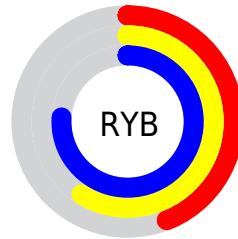
The Yxy color **43.3062, 0.2543, 0.3201** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.5995, 0.4172, 0.3375**, and the grayscale version is **38.0651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9283, 0.2650, 0.3222**, and **20.0621, 0.2386, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **41.5663, 0.2438, 0.3177**, and if you desaturate by 10%, it is **45.3296, 0.2664, 0.3224**.

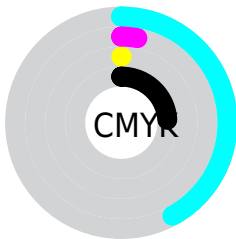
Distribution



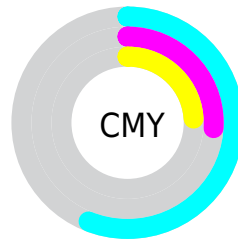
- Red (44%)
- Green (74%)
- Blue (76%)



- Red (44%)
- Yellow (59%)
- Blue (76%)



- Cyan (42%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)




- Cyan (56%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3062, 0.2543, 0.3201 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 43.3062, 0.2543, 0.3201 by changing the saturation by 10% instead.


 43.3062, 0.2543,
0.3201


 43.3062, 0.2543,
0.3201


359.8695, 0.2833,
0.3252

 30.1254, 0.2472,
0.3186


 80.1727, 0.2648,
0.3221

 19.9338, 0.2380,
0.3166


 104.6273, 0.2687,
0.3228

 12.3469, 0.2260,
0.3137


 133.6085, 0.2721,
0.3234

 6.9804, 0.2095,
0.3092

167.5009, 0.2750,
0.3239

 3.4499, 0.1857,
0.3016

206.6888, 0.2775,
0.3243

 1.3709, 0.1472,
0.2875

251.5566, 0.2797,

 0.1951, 0.0000,

0.3247

0.1718

302.4887, 0.2816,
0.3250

0.0000, 0.0000,
0.0000

43.3062, 0.2543,
0.3201

43.3062, 0.2543,
0.3201

41.5663, 0.2438,
0.3177

45.3296, 0.2664,
0.3224

40.0870, 0.2350,
0.3152

47.6476, 0.2798,
0.3246

38.8501, 0.2281,
0.3127


50.2769, 0.2941,
0.3267


37.8328, 0.2231,
0.3103


53.2313, 0.3092,
0.3286


37.0080, 0.2199,
0.3078


56.5241, 0.3248,
0.3303

 36.4615, 0.2183,
0.3059

 60.1674, 0.3405,
0.3319

 64.1730, 0.3561,
0.3333

 66.1604, 0.3616,
0.3347

 66.8175, 0.3613,
0.3362

Harmonies

Analogous

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



43.3062, 0.2757, 0.3538



43.3062, 0.2543, 0.3201



43.3062, 0.2479, 0.2915

Triad

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



43.3062, 0.2543, 0.3201



43.3062, 0.3148, 0.2838



43.3062, 0.3698, 0.3831

Complementary

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



43.3062, 0.2543, 0.3201



25.5995, 0.4172, 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.



43.3062, 0.3821, 0.3610



43.3062, 0.2543, 0.3201



43.3062, 0.3494, 0.3052

Square

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



43.3062, 0.2543, 0.3201



43.3062, 0.2813, 0.2728



43.3062, 0.3746, 0.3328



43.3062, 0.3422, 0.3915

Rectangle

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



43.3062, 0.2543, 0.3201



43.3062, 0.2525, 0.2790



43.3062, 0.3746, 0.3328



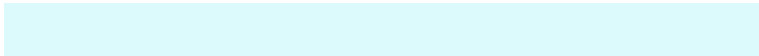
43.3062, 0.3759, 0.3769

Sweetspot

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



43.3079, 0.2543, 0.3201



90.6180, 0.2927, 0.3265



43.3224, 0.3032, 0.4497



19.6014, 0.2894, 0.3260



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



43.3079, 0.2543, 0.3201



75.4442, 0.2442, 0.3178



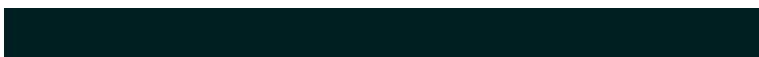
28.3782, 0.2440, 0.2570



11.2983, 0.2984, 0.3273



24.0264, 0.2184, 0.3063



1.0764, 0.2199, 0.3117

Inverse Universe

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



26.6931, 0.3239, 0.2330



41.5933, 0.3269, 0.2136



37.2542, 0.3933, 0.3910



10.2344, 0.3149, 0.3079



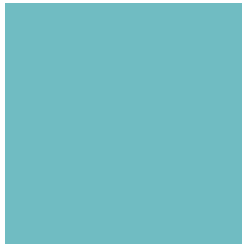
9.7077, 0.3399, 0.1646



0.4233, 0.3353, 0.1621

Previews

White Background



This preview shows how the Yxy color 43.3062, 0.2543, 0.3201 looks on a white background.

Color Contrast Check

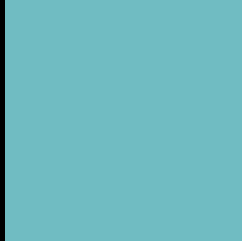
Large Text (above 18pt) WCAG AA × Fail

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 43.3062, 0.2543, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

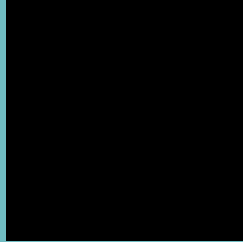
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3062, 0.2543, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 43.3062, 0.2543, 0.3201.

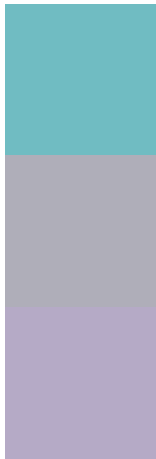


This preview shows how white text looks on a background with the Yxy color 43.3062, 0.2543, 0.3201.

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

43.3062, 0.2543, 0.3201

Protanopia

42.8888, 0.3047, 0.3143

Deuteranopia

42.6504, 0.2995, 0.2929



Tritanopia

43.3823, 0.2506, 0.3074

Trichromacy



Original Color

43.3062, 0.2543, 0.3201

Protanomaly

42.5464, 0.2837, 0.3164

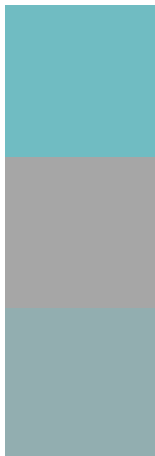
Deuteranomaly

42.5434, 0.2802, 0.3017

Tritanomaly

43.1749, 0.2517, 0.3115

Monochromacy



Original Color

43.3062, 0.2543, 0.3201

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.5177, 0.2873, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3062, 0.2543, 0.3201 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(112, 188, 194)` looks like.

```
.text, #text, p{  
    color:rgb(112, 188, 194)  
}
```

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(112, 188, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 188, 194) }
```

Border

The CSS property to change the border of an element to Yxy 43.3062, 0.2543, 0.3201 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(112, 188, 194) }
```

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

```
.border{ border-color:rgb(112, 188, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 188, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 188, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 188, 194);  
box-shadow:4px 4px 4px 4px rgb(112, 188,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3062, 0.2543, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 188, 194) }
```

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

```
.background{ background-color: rgb(112,  
188, 194) }
```

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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