

Converting Colors

$Yxy(43.2736, 0.2473, 0.3026)$

Have a look what the booklet for
Yxy(43.2736, 0.2473, 0.3026)
contains.

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Color

Yxy(43.3279, 0.2473, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	6FBBCD
RGB	111, 187, 205
RGB Percent	44%, 73%, 80%
CMY	0.5645, 0.2667, 0.1960
CMYK	0.46, 0.09, 0.00, 0.20
HSL	192°, 48%, 62%
HSV	192°, 46%, 80%
XYZ	35.3513, 43.3279, 64.2700
YIQ	166.3280, -51.0740, -10.5140

Conversions

Conversions Part 2

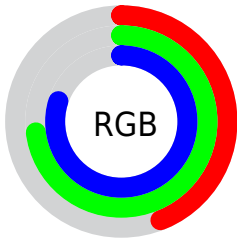
Format	Color
RYB	111, 153, 205
Decimal	7322573
CIELab	71.78, -18.77, -16.43
CIElCh	72, 24.946, 221.194
Yxy	43.3279, 0.2473, 0.3031
Android (android.graphics.Color)	4285512653 (0xFF6FBBCD)
YUV	166.3280, 19.0653, -48.5227
Hunter-Lab	65.8239, -19.3268, -11.8135

Details

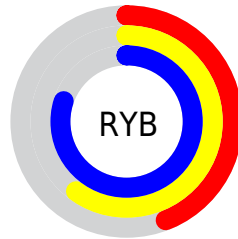
The Yxy color **43.3279, 0.2473, 0.3031** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **29.8512, 0.4241, 0.3525**, and the grayscale version is **38.2310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5367, 0.2620, 0.3156**, and **20.0414, 0.2293, 0.2950** is the 20% darker color. If you saturate the color by 10%, you get **40.5021, 0.2360, 0.2964**, and if you desaturate by 10%, it is **46.5079, 0.2601, 0.3095**.

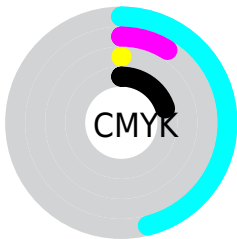
Distribution



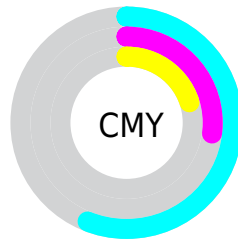
- Red (44%)
- Green (73%)
- Blue (80%)



- Red (44%)
- Yellow (60%)
- Blue (80%)



- Cyan (46%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)




- Cyan (56%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3279, 0.2473, 0.3031 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 43.3279, 0.2473, 0.3031 by changing the saturation by 10% instead.


 43.3279, 0.2473,
0.3031


 43.3279, 0.2473,
0.3031


359.9585, 0.2796,
0.3169

 30.1425, 0.2394,
0.2994


 80.2054, 0.2589,
0.3083

 19.9468, 0.2294,
0.2946


 104.6663, 0.2633,
0.3102

 12.3563, 0.2164,
0.2880


 133.6545, 0.2670,
0.3118

 6.9869, 0.1986,
0.2784

167.5544, 0.2703,
0.3131

 3.4539, 0.1734,
0.2634

206.7503, 0.2730,
0.3142

 1.3730, 0.1352,
0.2377

251.6267, 0.2755,

 0.1967, 0.0000,

0.3152

0.1217

302.5680, 0.2777,
0.3161

0.0000, 0.0000,
0.0000

43.3279, 0.2473,
0.3031

43.3279, 0.2473,
0.3031

40.5021, 0.2360,
0.2964

46.5079, 0.2601,
0.3095

38.0041, 0.2263,
0.2896

50.0567, 0.2739,
0.3155

35.8113, 0.2185,
0.2826

53.9939, 0.2886,
0.3211

33.8956, 0.2126,
0.2756

58.3362, 0.3038,
0.3262

32.2222, 0.2086,
0.2687

63.0991, 0.3191,
0.3309

■ 31.5692, 0.2072,
0.2659

■ 68.2974, 0.3344,
0.3351

■ 73.9451, 0.3495,
0.3388

■ 76.0492, 0.3491,
0.3428

■ 78.1190, 0.3483,
0.3467

Harmonies

Analogous

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



43.3279, 0.2615, 0.3362



43.3279, 0.2473, 0.3031



43.3279, 0.2494, 0.2799

Triad

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



43.3279, 0.2473, 0.3031



43.3279, 0.3341, 0.2931



43.3279, 0.3578, 0.3913

Complementary

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



43.3279, 0.2473, 0.3031



29.8512, 0.4241, 0.3525

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.



43.3279, 0.3796, 0.3750



43.3279, 0.2473, 0.3031



43.3279, 0.3659, 0.3190

Square

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



43.3279, 0.2473, 0.3031



43.3279, 0.2978, 0.2758



43.3279, 0.3829, 0.3484



43.3279, 0.3245, 0.3900

Rectangle

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



43.3279, 0.2473, 0.3031



43.3279, 0.2597, 0.2721



43.3279, 0.3829, 0.3484



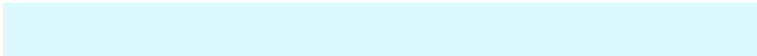
43.3279, 0.3668, 0.3875

Sweetspot

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



43.3296, 0.2473, 0.3031



89.5547, 0.2911, 0.3220



48.6211, 0.2961, 0.4455



18.8498, 0.2878, 0.3208



0.0000, 0.0000, 0.0000



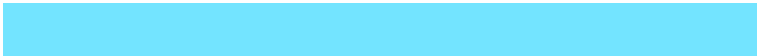
21.4041, 0.3127, 0.3290

Same Dimension

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



43.3296, 0.2473, 0.3031



66.3874, 0.2361, 0.2965



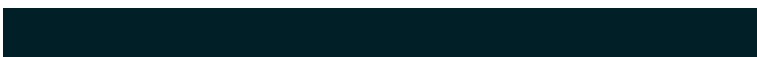
26.7842, 0.2347, 0.2321



12.3470, 0.2983, 0.3244



19.7815, 0.2075, 0.2669



1.1170, 0.2112, 0.2803

Inverse Universe

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



27.9492, 0.3374, 0.2367



39.0713, 0.3443, 0.2192



44.8933, 0.3957, 0.4090



11.3654, 0.3166, 0.3105



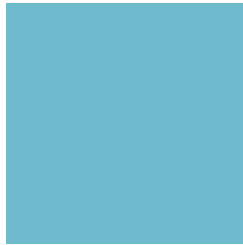
9.7999, 0.3758, 0.1844



0.5153, 0.3632, 0.1774

Previews

White Background



This preview shows how the Yxy color 43.3279, 0.2473, 0.3031 looks on a white background.

Color Contrast Check

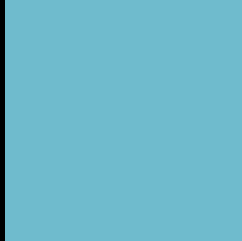
Large Text (above 18pt) WCAG AA × Fail

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 43.3279, 0.2473, 0.3031 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 43.3279, 0.2473, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 43.3279, 0.2473, 0.3031.



This preview shows how white text looks on a background with the Yxy color 43.3279, 0.2473, 0.3031.

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

43.3279, 0.2473, 0.3031

Protanopia

43.0283, 0.2936, 0.2999

Deuteranopia

42.9100, 0.2877, 0.2815



Tritanopia

43.1674, 0.2478, 0.3059

Trichromacy



Original Color

43.3279, 0.2473, 0.3031

Protanomaly

42.8478, 0.2745, 0.3015

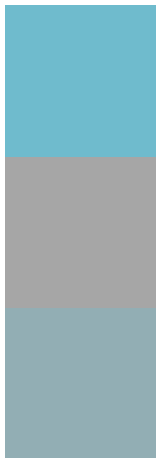
Deuteranomaly

42.6247, 0.2703, 0.2886

Tritanomaly

43.2153, 0.2473, 0.3045

Monochromacy



Original Color

43.3279, 0.2473, 0.3031

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.6784, 0.2844, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3279, 0.2473, 0.3031 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(111, 187, 205)` looks like.

```
.text, #text, p{  
    color:rgb(111, 187, 205)  
}
```

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(111, 187, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 187, 205) }
```

Border

The CSS property to change the border of an element to Yxy 43.3279, 0.2473, 0.3031 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(111, 187, 205) }
```

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

```
.border{ border-color:rgb(111, 187, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 187, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 187, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 187, 205);  
box-shadow:4px 4px 4px 4px rgb(111, 187,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3279, 0.2473, 0.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 187, 205) }
```

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

```
.background{ background-color: rgb(111,  
187, 205) }
```

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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