

Converting Colors

$Y_{xy}(44.2804, 0.2562, 0.3232)$

Have a look what the booklet for
Yxy(44.2804, 0.2562, 0.3232)
contains.

Yxy(44.2994, 0.2559, 0.3230)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.2994, 0.2559, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	72BEC2
RGB	114, 190, 194
RGB Percent	45%, 75%, 76%
CMY	0.5528, 0.2549, 0.2391
CMYK	0.41, 0.02, 0.00, 0.24
HSL	183°, 40%, 60%
HSV	183°, 41%, 76%
XYZ	35.0966, 44.2994, 57.7538
YIQ	167.7320, -46.5800, -14.8680

Conversions

Conversions Part 2

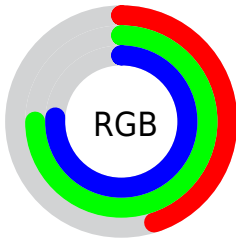
Format	Color
RYB	114, 153, 194
Decimal	7519938
CIELab	72.43, -22.44, -9.43
CIELCh	72, 24.346, 202.799
Yxy	44.2994, 0.2559, 0.3230
Android (android.graphics.Color)	4285710018 (0xFF72BEC2)
YUV	167.7320, 12.9501, -47.1230
Hunter-Lab	66.5578, -22.3512, -4.8569

Details

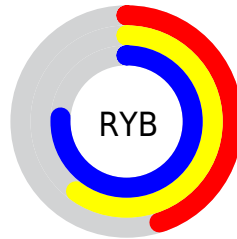
The Yxy color **44.2994, 0.2559, 0.3230** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.6632, 0.4146, 0.3348**, and the grayscale version is **38.9783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9697, 0.2665, 0.3255**, and **20.4013, 0.2402, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **42.7124, 0.2454, 0.3214**, and if you desaturate by 10%, it is **46.1687, 0.2679, 0.3246**.

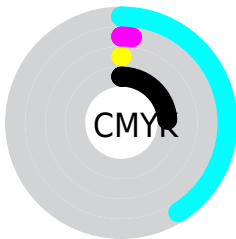
Distribution



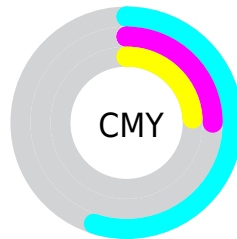
- Red (45%)
- Green (75%)
- Blue (76%)



- Red (45%)
- Yellow (60%)
- Blue (76%)



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)





- Cyan (55%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2994, 0.2559, 0.3230 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 44.2994, 0.2559, 0.3230 by changing the saturation by 10% instead.


 44.2994, 0.2559,
0.3230


 44.2994, 0.2559,
0.3230


363.9286, 0.2840,
0.3266

 30.9060, 0.2490,
0.3219


 81.6681, 0.2661,
0.3245

 20.5272, 0.2402,
0.3204


 106.4121, 0.2699,
0.3250

 12.7789, 0.2286,
0.3182


 135.7084, 0.2731,
0.3254

 7.2765, 0.2127,
0.3148

169.9415, 0.2759,
0.3257

 3.6356, 0.1897,
0.3089

209.4956, 0.2784,
0.3260

 1.4719, 0.1535,
0.2974

254.7553, 0.2805,

 0.2688, 0.0000,

0.3262

0.2201

306.1048, 0.2824,
0.3264

0.0000, 0.0000,
0.0000

44.2994, 0.2559,
0.3230

44.2994, 0.2559,
0.3230

42.7124, 0.2454,
0.3214

46.1687, 0.2679,
0.3246

41.3848, 0.2368,
0.3197

48.3312, 0.2813,
0.3261

40.2989, 0.2300,
0.3180


50.8035, 0.2957,
0.3275


39.4321, 0.2251,
0.3163

53.5992, 0.3108,
0.3288

38.7578, 0.2220,
0.3146


56.7315, 0.3264,
0.3300

 38.2800, 0.2203,
0.3132

 60.2126, 0.3422,
0.3311

 64.0542, 0.3580,
0.3321

 65.4606, 0.3619,
0.3331

 65.9085, 0.3617,
0.3341

Harmonies

Analogous

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



44.2994, 0.2784, 0.3564



44.2994, 0.2559, 0.3230



44.2994, 0.2481, 0.2938

Triad

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



44.2994, 0.2559, 0.3230



44.2994, 0.3117, 0.2826



44.2994, 0.3712, 0.3813

Complementary

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



44.2994, 0.2559, 0.3230



25.6632, 0.4146, 0.3348

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.



44.2994, 0.3818, 0.3586



44.2994, 0.2559, 0.3230



44.2994, 0.3465, 0.3032

Square

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



44.2994, 0.2559, 0.3230



44.2994, 0.2789, 0.2727



44.2994, 0.3727, 0.3303



44.2994, 0.3448, 0.3911

Rectangle

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



44.2994, 0.2559, 0.3230



44.2994, 0.2518, 0.2805



44.2994, 0.3727, 0.3303



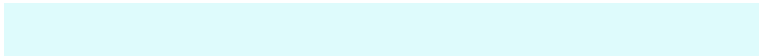
44.2994, 0.3768, 0.3748

Sweetspot

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



44.3011, 0.2559, 0.3230



91.5576, 0.2943, 0.3274



43.4842, 0.3043, 0.4483



19.9137, 0.2923, 0.3272



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.



44.3011, 0.2559, 0.3230



77.7475, 0.2469, 0.3216



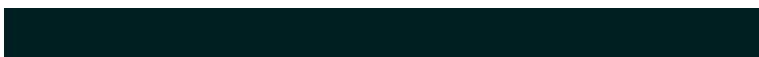
29.3008, 0.2461, 0.2613



11.3386, 0.2984, 0.3278



25.1977, 0.2204, 0.3134



1.1159, 0.2214, 0.3171

Inverse Universe

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



27.2349, 0.3217, 0.2332



43.0813, 0.3237, 0.2153



37.1539, 0.3917, 0.3878



10.2385, 0.3145, 0.3074



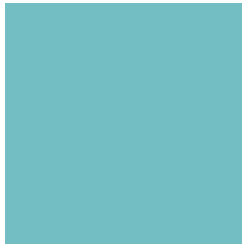
9.8260, 0.3338, 0.1613



0.4273, 0.3307, 0.1595

Previews

White Background



This preview shows how the Yxy color 44.2994, 0.2559, 0.3230 looks on a white background.

Color Contrast Check

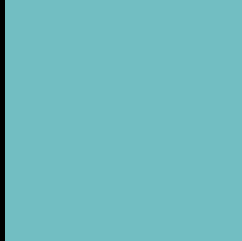
Large Text (above 18pt) WCAG AA × Fail

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 44.2994, 0.2559, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

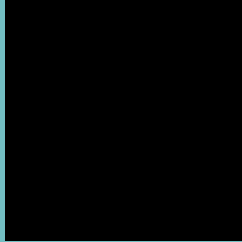
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

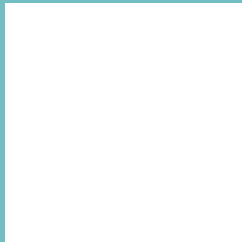
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2994, 0.2559, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 44.2994, 0.2559, 0.3230.

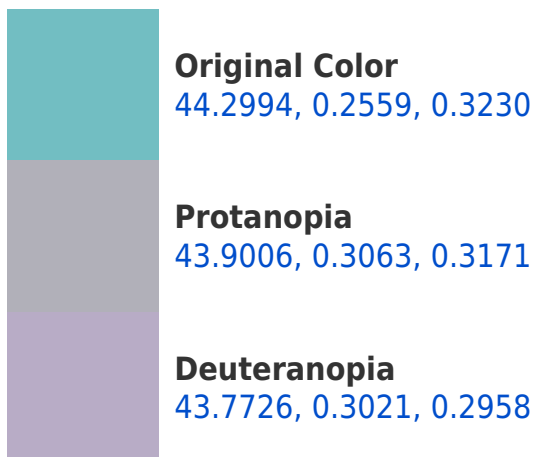


This preview shows how white text looks on a background with the Yxy color 44.2994, 0.2559, 0.3230.

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





Tritanopia

44.1080, 0.2514, 0.3062

Trichromacy



Original Color

44.2994, 0.2559, 0.3230

Protanomaly

43.5486, 0.2854, 0.3193

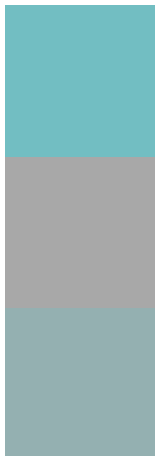
Deuteranomaly

43.6423, 0.2827, 0.3047

Tritanomaly

44.2783, 0.2534, 0.3131

Monochromacy



Original Color

44.2994, 0.2559, 0.3230

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.5209, 0.2883, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2994, 0.2559, 0.3230 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(114, 190, 194)` looks like.

```
.text, #text, p{  
    color:rgb(114, 190, 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(114, 190, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 190, 194) }
```

Border

The CSS property to change the border of an element to Yxy 44.2994, 0.2559, 0.3230 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(114, 190, 194) }
```

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

```
.border{ border-color:rgb(114, 190, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 190, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 190, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 190, 194);  
box-shadow:4px 4px 4px 4px rgb(114, 190,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2994, 0.2559, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 190, 194) }
```

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

```
.background{ background-color: rgb(114,  
190, 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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