

Converting Colors

$Y_{xy}(43.2416, 0.2523, 0.3116)$

Have a look what the booklet for
Yxy(43.2416, 0.2523, 0.3116)
contains.

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Color

Yxy(43.2416, 0.2523, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	72BBC7
RGB	114, 187, 199
RGB Percent	45%, 73%, 78%
CMY	0.5531, 0.2666, 0.2197
CMYK	0.43, 0.06, 0.00, 0.22
HSL	188°, 43%, 61%
HSV	188°, 43%, 78%
XYZ	35.0124, 43.2416, 60.5188
YIQ	166.5410, -47.3600, -11.7440

Conversions

Conversions Part 2

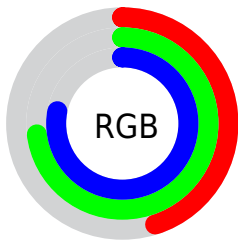
Format	Color
R _Y B	114, 153, 199
Decimal	7519175
CIE Lab	71.72, -19.67, -13.20
CIE LCh	72, 23.692, 213.862
Yxy	43.2416, 0.2523, 0.3116
Android (android.graphics.Color)	4285709255 (0xFF72BBC7)
YUV	166.5410, 16.0023, -46.0785
Hunter-Lab	65.7583, -20.0366, -8.5350

Details

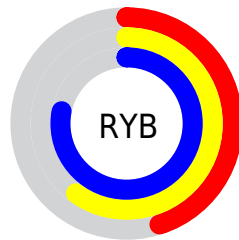
The Yxy color **43.2416, 0.2523, 0.3116** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **28.2561, 0.4158, 0.3452**, and the grayscale version is **38.3433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8672, 0.2635, 0.3156**, and **19.9941, 0.2359, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **40.8748, 0.2411, 0.3069**, and if you desaturate by 10%, it is **45.9251, 0.2649, 0.3161**.

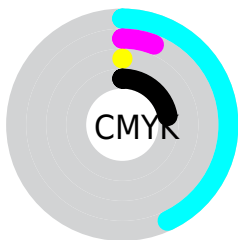
Distribution



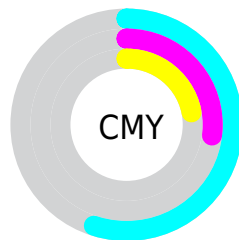
- Red (45%)
- Green (73%)
- Blue (78%)



- Red (45%)
- Yellow (60%)
- Blue (78%)



- Cyan (43%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)





- Cyan (55%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2416, 0.2523, 0.3116 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 43.2416, 0.2523, 0.3116 by changing the saturation by 10% instead.


 43.2416, 0.2523,
0.3116


 43.2416, 0.2523,
0.3116


359.6044, 0.2822,
0.3210


 30.0747, 0.2449,
0.3090


 80.0753, 0.2631,
0.3152

 19.8953, 0.2356,
0.3056


 104.5109, 0.2672,
0.3165

 12.3190, 0.2233,
0.3008


 133.4716, 0.2706,
0.3176

 6.9613, 0.2065,
0.2937

167.3417, 0.2736,
0.3185

 3.4379, 0.1823,
0.2824

206.5057, 0.2762,
0.3193

 1.3644, 0.1446,
0.2621

251.3478, 0.2785,

 0.1903, 0.0000,

0.3199

0.1431

302.2526, 0.2805,
0.3205

0.0000, 0.0000,
0.0000

43.2416, 0.2523,
0.3116

43.2416, 0.2523,
0.3116

40.8748, 0.2411,
0.3069

45.9251, 0.2649,
0.3161

38.8005, 0.2315,
0.3020

48.9378, 0.2787,
0.3204

36.9990, 0.2238,
0.2970

52.2973, 0.2934,
0.3244

35.4457, 0.2181,
0.2920

56.0186, 0.3085,
0.3281


34.1111, 0.2141,
0.2871

60.1158, 0.3240,
0.3314

 33.2384, 0.2121,
0.2835

 64.6022, 0.3394,
0.3344

 69.4903, 0.3546,
0.3370

 71.1869, 0.3554,
0.3398

 72.5767, 0.3548,
0.3427

Harmonies

Analogous

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



43.2416, 0.2694, 0.3440



43.2416, 0.2523, 0.3116



43.2416, 0.2504, 0.2866

Triad

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



43.2416, 0.2523, 0.3116



43.2416, 0.3246, 0.2898



43.2416, 0.3620, 0.3857

Complementary

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



43.2416, 0.2523, 0.3116



28.2561, 0.4158, 0.3452

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.



43.2416, 0.3788, 0.3673



43.2416, 0.2523, 0.3116



43.2416, 0.3569, 0.3130

Square

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



43.2416, 0.2523, 0.3116



43.2416, 0.2906, 0.2759



43.2416, 0.3771, 0.3408



43.2416, 0.3323, 0.3889

Rectangle

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



43.2416, 0.2523, 0.3116



43.2416, 0.2579, 0.2768



43.2416, 0.3771, 0.3408



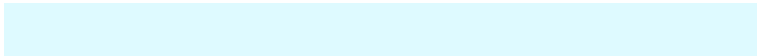
43.2416, 0.3694, 0.3810

Sweetspot

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



43.2433, 0.2523, 0.3116



91.3054, 0.2927, 0.3242



45.8993, 0.2997, 0.4426



19.2509, 0.2893, 0.3234



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.



43.2433, 0.2523, 0.3116



71.9697, 0.2421, 0.3073



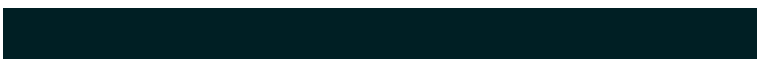
27.9894, 0.2416, 0.2469



11.8032, 0.2984, 0.3257



21.4757, 0.2123, 0.2842



1.0887, 0.2151, 0.2944

Inverse Universe

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



27.7537, 0.3304, 0.2380



42.0113, 0.3350, 0.2206



41.2863, 0.3915, 0.3986



10.7900, 0.3159, 0.3094



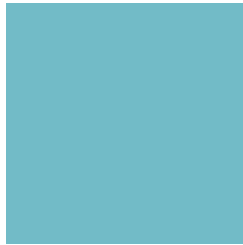
9.7080, 0.3596, 0.1755



0.4669, 0.3504, 0.1704

Previews

White Background



This preview shows how the Yxy color 43.2416, 0.2523, 0.3116 looks on a white background.

Color Contrast Check

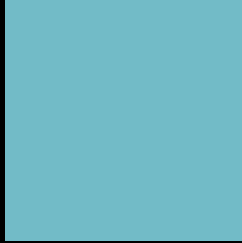
Large Text (above 18pt) WCAG AA × Fail

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 43.2416, 0.2523, 0.3116 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 43.2416, 0.2523, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 43.2416, 0.2523, 0.3116.



This preview shows how white text looks on a background with the Yxy color 43.2416, 0.2523, 0.3116.

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

43.2416, 0.2523, 0.3116

Protanopia

42.9179, 0.2982, 0.3064

Deuteranopia

42.9738, 0.2947, 0.2891



Tritanopia

43.4498, 0.2512, 0.3074

Trichromacy



Original Color

43.2416, 0.2523, 0.3116

Protanomaly

42.8106, 0.2794, 0.3083

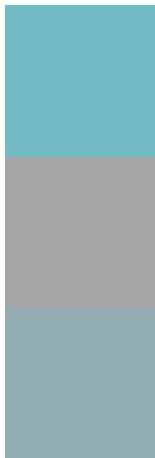
Deuteranomaly

42.6299, 0.2766, 0.2964

Tritanomaly

43.4025, 0.2517, 0.3088

Monochromacy



Original Color

43.2416, 0.2523, 0.3116

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.8227, 0.2867, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2416, 0.2523, 0.3116 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, 187, 199)` looks like.

```
.text, #text, p{  
    color:rgb(114, 187, 199)  
}
```

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, 187, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 187, 199) }
```

Border

The CSS property to change the border of an element to Yxy 43.2416, 0.2523, 0.3116 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, 187, 199) }
```

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

```
.border{ border-color:rgb(114, 187, 199) }
```

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

Here you see how a box with a 4 pixel rgb(114, 187, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 187, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 187, 199);  
box-shadow:4px 4px 4px 4px rgb(114, 187,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2416, 0.2523, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 187, 199) }
```

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

```
.background{ background-color: rgb(114,  
187, 199) }
```

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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