

Converting Colors

$Y_{xy}(45.0475, 0.2360, 0.2981)$

Have a look what the booklet for
Yxy(45.0475, 0.2360, 0.2981)
contains.

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Color

Yxy(44.9340, 0.2359, 0.2977)

Conversions

Conversions Part 1

Format	Color
Hex	5EC0D6
RGB	94, 192, 214
RGB Percent	37%, 75%, 84%
CMY	0.6311, 0.2471, 0.1609
CMYK	0.56, 0.10, 0.00, 0.16
HSL	191°, 59%, 60%
HSV	191°, 56%, 84%
XYZ	35.6061, 44.9340, 70.3971
YIQ	165.2060, -65.4700, -13.9340

Conversions

Conversions Part 2

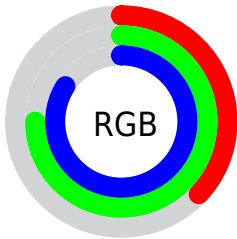
Format	Color
R _Y B	94, 148, 214
Decimal	6209750
CIE Lab	72.85, -22.53, -19.75
CIE LCh	73, 29.962, 221.245
Yxy	44.9340, 0.2359, 0.2977
Android (android.graphics.Color)	4284399830 (0xFF5EC0D6)
YUV	165.2060, 24.0554, -62.4477
Hunter-Lab	67.0328, -22.4929, -15.3427

Details

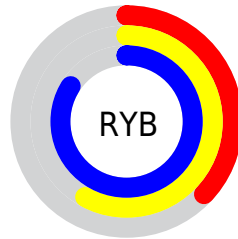
The Yxy color **44.9340, 0.2359, 0.2977** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **27.6053, 0.4637, 0.3555**, and the grayscale version is **37.6459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7437, 0.2564, 0.3221**, and **20.8186, 0.2156, 0.2874** is the 20% darker color. If you saturate the color by 10%, you get **42.2564, 0.2264, 0.2911**, and if you desaturate by 10%, it is **47.9745, 0.2471, 0.3041**.

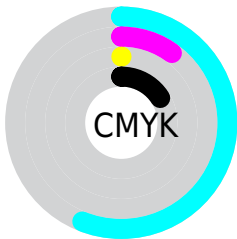
Distribution



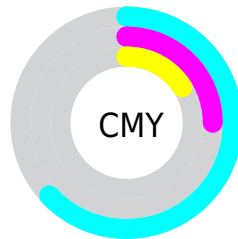
- Red (37%)
- Green (75%)
- Blue (84%)



- Red (37%)
- Yellow (58%)
- Blue (84%)



- Cyan (56%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (63%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9340, 0.2359, 0.2977 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 44.9340, 0.2359, 0.2977 by changing the saturation by 10% instead.

■ 44.9340, 0.2359,
0.2977

■ 44.9340, 0.2359,
0.2977

■ 366.5062, 0.2733,
0.3143

■ 31.4054, 0.2269,
0.2933

■ 82.6214, 0.2492,
0.3039

■ 20.9078, 0.2157,
0.2875

■ 107.5490, 0.2543,
0.3062

■ 13.0566, 0.2011,
0.2797

■ 137.0450, 0.2587,
0.3081

■ 7.4675, 0.1817,
0.2684

■ 171.4940, 0.2624,
0.3098

■ 3.7562, 0.1548,
0.2512

■ 211.2801, 0.2657,
0.3111

■ 1.5381, 0.1161,
0.2227

■ 256.7880, 0.2685,

■ 0.3153, 0.0000,

0.3124

0.1397

308.4019, 0.2711,
0.3134

■ 0.0000, 0.0000,
0.0000

■ 44.9340, 0.2359,
0.2977

■ 44.9340, 0.2359,
0.2977

■ 42.2564, 0.2264,
0.2911

■ 47.9745, 0.2471,
0.3041

■ 39.9095, 0.2187,
0.2845

■ 51.3967, 0.2598,
0.3102

■ 37.8639, 0.2131,
0.2778

■ 55.2239, 0.2736,
0.3159

■ 36.0804, 0.2092,
0.2713

■ 59.4761, 0.2883,
0.3213

■ 35.4176, 0.2080,
0.2687

■ 64.1717, 0.3034,
0.3262

69.3280, 0.3188,
0.3307

74.9614, 0.3342,
0.3348

79.0897, 0.3419,
0.3386

81.2146, 0.3412,
0.3425

Harmonies

Analogous

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



44.9340, 0.2522, 0.3371



44.9340, 0.2359, 0.2977



44.9340, 0.2384, 0.2708

Triad

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



44.9340, 0.2359, 0.2977



44.9340, 0.3379, 0.2869



44.9340, 0.3656, 0.4028

Complementary

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



44.9340, 0.2359, 0.2977



27.6053, 0.4637, 0.3555

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.



44.9340, 0.3919, 0.3827



44.9340, 0.2359, 0.2977



44.9340, 0.3760, 0.3169

Square

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



44.9340, 0.2359, 0.2977



44.9340, 0.2948, 0.2668



44.9340, 0.3962, 0.3511



44.9340, 0.3261, 0.4022

Rectangle

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



44.9340, 0.2359, 0.2977



44.9340, 0.2504, 0.2621



44.9340, 0.3962, 0.3511



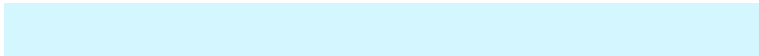
44.9340, 0.3764, 0.3980

Sweetspot

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



44.9357, 0.2359, 0.2977



87.7196, 0.2866, 0.3207



51.6804, 0.2946, 0.4802



18.4929, 0.2836, 0.3197



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.



44.9357, 0.2359, 0.2977



62.2528, 0.2250, 0.2901



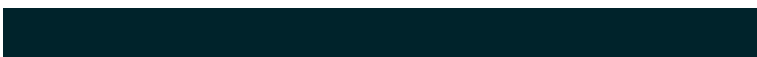
24.2997, 0.2170, 0.2085



13.7027, 0.2983, 0.3246



21.5545, 0.2082, 0.2696



1.4030, 0.2114, 0.2810

Inverse Universe

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



26.1172, 0.3434, 0.2175



32.9886, 0.3517, 0.2006



45.3775, 0.4185, 0.4230



12.5918, 0.3165, 0.3102



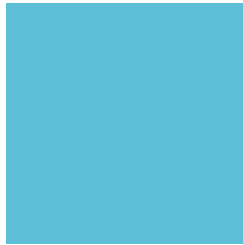
10.5208, 0.3732, 0.1829



0.6450, 0.3626, 0.1771

Previews

White Background



This preview shows how the Yxy color 44.9340, 0.2359, 0.2977 looks on a white background.

Color Contrast Check

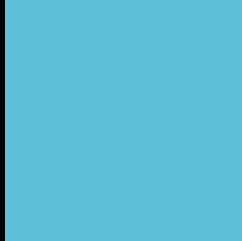
Large Text (above 18pt) WCAG AA × Fail

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 44.9340, 0.2359, 0.2977 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 44.9340, 0.2359, 0.2977

Background



This preview shows how black text looks on a background with the Yxy color 44.9340, 0.2359, 0.2977.



This preview shows how white text looks on a background with the Yxy color 44.9340, 0.2359, 0.2977.

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

44.9340, 0.2359, 0.2977

Protanopia

44.2945, 0.2885, 0.2927

Deuteranopia

44.4480, 0.2799, 0.2736



Tritanopia

45.0187, 0.2378, 0.3059

Trichromacy



Original Color

44.9340, 0.2359, 0.2977

Protanomaly

43.9393, 0.2648, 0.2937

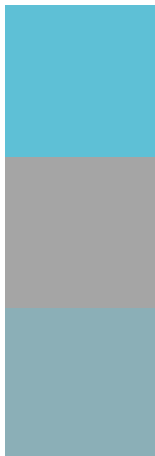
Deuteranomaly

44.1685, 0.2604, 0.2812

Tritanomaly

45.1702, 0.2372, 0.3032

Monochromacy



Original Color

44.9340, 0.2359, 0.2977

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

39.5678, 0.2768, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9340, 0.2359, 0.2977 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(94, 192, 214)` looks like.

```
.text, #text, p{  
    color:rgb(94, 192, 214)  
}
```

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(94, 192, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 192, 214) }
```

Border

The CSS property to change the border of an element to Yxy 44.9340, 0.2359, 0.2977 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(94, 192, 214) }
```

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

```
.border{ border-color:rgb(94, 192, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 192, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 192, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 192, 214);  
box-shadow:4px 4px 4px 4px rgb(94, 192,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9340, 0.2359, 0.2977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 192, 214) }
```

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

```
.background{ background-color: rgb(94, 192,  
214) }
```

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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