

Converting Colors

$Yxy(45.3550, 0.2596, 0.2888)$

Have a look what the booklet for
Yxy(45.3550, 0.2596, 0.2888)
contains.

Yxy(45.3550, 0.2596, 0.2888)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.3550, 0.2596, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	8EB9D7
RGB	142, 185, 215
RGB Percent	56%, 73%, 84%
CMY	0.4433, 0.2745, 0.1567
CMYK	0.34, 0.14, 0.00, 0.16
HSL	205°, 48%, 70%
HSV	205°, 34%, 84%
XYZ	40.7692, 45.3550, 70.9222
YIQ	175.5630, -35.2580, 0.2140

Conversions

Conversions Part 2

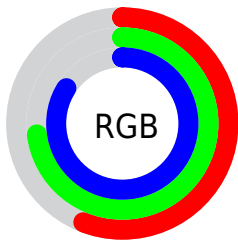
Format	Color
R_{YB}	142, 169, 215
Decimal	9353687
CIE _{Lab}	73.13, -7.08, -19.70
CIE _{LCh}	73, 20.938, 250.240
Yxy	45.3550, 0.2596, 0.2888
Android (android.graphics.Color)	4287543767 (0xFF8EB9D7)
YUV	175.5630, 19.4424, -29.4348
Hunter-Lab	67.3461, -9.7974, -15.2960

Details

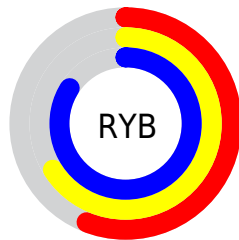
The Yxy color **45.3550, 0.2596, 0.2888** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **45.9099, 0.3798, 0.3658**, and the grayscale version is **43.0860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0009, 0.2777, 0.3140**, and **21.1644, 0.2455, 0.2776** is the 20% darker color. If you saturate the color by 10%, you get **40.0513, 0.2443, 0.2746**, and if you desaturate by 10%, it is **51.2591, 0.2753, 0.3020**.

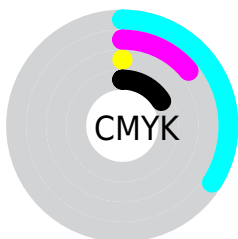
Distribution



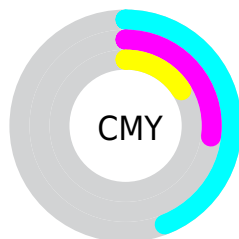
- Red (56%)
- Green (73%)
- Blue (84%)



- Red (56%)
- Yellow (66%)
- Blue (84%)



- Cyan (34%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (44%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.3550, 0.2596, 0.2888 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 45.3550, 0.2596, 0.2888 by changing the saturation by 10% instead.

■ 45.3550, 0.2596,
0.2888

■ 45.3550, 0.2596,
0.2888

368.2094, 0.2858,
0.3091

■ 31.7371, 0.2532,
0.2837

■ 83.2529, 0.2690,
0.2962

■ 21.1608, 0.2451,
0.2772

■ 108.3017, 0.2726,
0.2990

■ 13.2416, 0.2346,
0.2686

137.9296, 0.2756,
0.3013

■ 7.5951, 0.2202,
0.2566

172.5210, 0.2782,
0.3033

■ 3.8370, 0.1997,
0.2390

212.4603, 0.2805,
0.3050

■ 1.5828, 0.1686,
0.2111

258.1318, 0.2824,

■ 0.3460, 0.0626,

0.3066

0.1388

309.9201, 0.2842,
0.3079

0.0000, 0.0000,
0.0000

45.3550, 0.2596,
0.2888

45.3550, 0.2596,
0.2888

40.0513, 0.2443,
0.2746

51.2591, 0.2753,
0.3020

35.3172, 0.2299,
0.2595

57.7816, 0.2911,
0.3141

31.1270, 0.2168,
0.2438

64.9465, 0.3066,
0.3250

27.4501, 0.2054,
0.2278

72.7745, 0.3217,
0.3347

24.2515, 0.1960,
0.2118

81.2854, 0.3363,
0.3434

■ 21.4899, 0.1888,
0.1962

■ 87.3382, 0.3389,
0.3519

■ 19.9992, 0.1853,
0.1870

■ 92.6128, 0.3375,
0.3604

■ 97.6884, 0.3363,
0.3680

Harmonies

Analogous

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



45.3550, 0.2583, 0.3087



45.3550, 0.2596, 0.2888



45.3550, 0.2743, 0.2804

Triad

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



45.3550, 0.2596, 0.2888



45.3550, 0.3559, 0.3202



45.3550, 0.3237, 0.3793

Complementary

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



45.3550, 0.2596, 0.2888



45.9099, 0.3798, 0.3658

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.



45.3550, 0.3510, 0.3802



45.3550, 0.2596, 0.2888



45.3550, 0.3704, 0.3448

Square

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



45.3550, 0.2596, 0.2888



45.3550, 0.3296, 0.2984



45.3550, 0.3684, 0.3669



45.3550, 0.2944, 0.3627

Rectangle

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



45.3550, 0.2596, 0.2888



45.3550, 0.2903, 0.2816



45.3550, 0.3684, 0.3669



45.3550, 0.3334, 0.3814

Sweetspot

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



45.3568, 0.2596, 0.2888



88.9748, 0.2972, 0.3184



57.3170, 0.2902, 0.3884



18.7295, 0.2949, 0.3169



0.0000, 0.0000, 0.0000



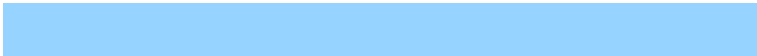
21.4041, 0.3127, 0.3290

Same Dimension

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



45.3568, 0.2596, 0.2888



60.8487, 0.2482, 0.2784



32.2374, 0.2531, 0.2385



13.2122, 0.2982, 0.3192



12.1703, 0.1859, 0.1893



0.8953, 0.1933, 0.2159

Inverse Universe

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



37.2919, 0.3457, 0.2775



47.9716, 0.3556, 0.2661



61.3868, 0.3662, 0.4057



12.5423, 0.3200, 0.3154



9.5735, 0.4576, 0.2294



0.5937, 0.4277, 0.2130

Previews

White Background



This preview shows how the Yxy color 45.3550, 0.2596, 0.2888 looks on a white background.

Color Contrast Check

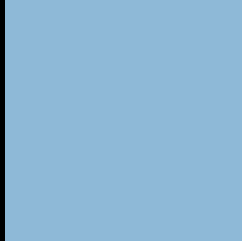
Large Text (above 18pt) WCAG AA × Fail

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 45.3550, 0.2596, 0.2888 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 45.3550, 0.2596, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 45.3550, 0.2596, 0.2888.



This preview shows how white text looks on a background with the Yxy color 45.3550, 0.2596, 0.2888.

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

45.3550, 0.2596, 0.2888

Protanopia

44.9817, 0.2842, 0.2867

Deuteranopia

45.0168, 0.2823, 0.2763



Tritanopia

45.2939, 0.2660, 0.3083

Trichromacy



Original Color

45.3550, 0.2596, 0.2888

Protanomaly

45.0774, 0.2747, 0.2873

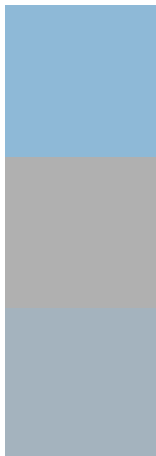
Deuteranomaly

45.0906, 0.2734, 0.2813

Tritanomaly

45.1983, 0.2634, 0.3003

Monochromacy



Original Color

45.3550, 0.2596, 0.2888

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.8504, 0.2917, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3550, 0.2596, 0.2888 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(142, 185, 215)` looks like.

```
.text, #text, p{  
    color:rgb(142, 185, 215)  
}
```

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(142, 185, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 185, 215) }
```

Border

The CSS property to change the border of an element to Yxy 45.3550, 0.2596, 0.2888 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(142, 185, 215) }
```

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

```
.border{ border-color:rgb(142, 185, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 185, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 185, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 185, 215);  
box-shadow:4px 4px 4px 4px rgb(142, 185,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3550, 0.2596, 0.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 185, 215) }
```

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

```
.background{ background-color: rgb(142,  
185, 215) }
```

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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