

Converting Colors

$Yxy(44.5361, 0.2592, 0.2862)$

Have a look what the booklet for
Yxy(44.5361, 0.2592, 0.2862)
contains.

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Color

Yxy(44.5241, 0.2593, 0.2861)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8EB7D7 |
| RGB | 142, 183, 215 |
| RGB Percent | 56%, 72%, 84% |
| CMY | 0.4431, 0.2823, 0.1569 |
| CMYK | 0.34, 0.15, 0.00, 0.16 |
| HSL | 206°, 48%, 70% |
| HSV | 206°, 34%, 84% |
| XYZ | 40.3534, 44.5241, 70.7468 |
| YIQ | 174.3890, -34.7080, 1.2600 |

Conversions

Conversions Part 2

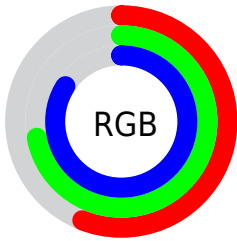
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 142, 168, 215 |
| Decimal | 9353175 |
| CIE Lab | 72.58, -6.00, -20.51 |
| CIE LCh | 73, 21.367, 253.679 |
| Yxy | 44.5241, 0.2593, 0.2861 |
| Android (android.graphics.Color) | 4287543255 (0xFF8EB7D7) |
| YUV | 174.3890, 20.0212, -28.4052 |
| Hunter-Lab | 66.7264, -8.8217, -16.1539 |

Details

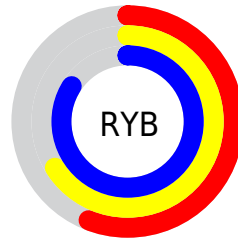
The Yxy color **44.5241, 0.2593, 0.2861** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **46.6652, 0.3789, 0.3681**, and the grayscale version is **42.4474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8233, 0.2776, 0.3118**, and **20.6272, 0.2449, 0.2738** is the 20% darker color. If you saturate the color by 10%, you get **39.0465, 0.2437, 0.2709**, and if you desaturate by 10%, it is **50.6320, 0.2752, 0.3002**.

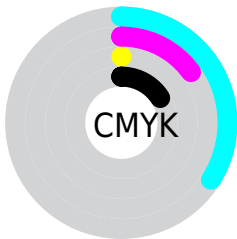
Distribution



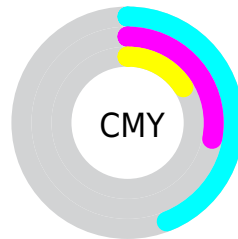
- Red (56%)
- Green (72%)
- Blue (84%)



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



- Cyan (34%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



- Cyan (44%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5241, 0.2593, 0.2861 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 44.5241, 0.2593, 0.2861 by changing the saturation by 10% instead.

■ 44.5241, 0.2593,
0.2861

■ 44.5241, 0.2593,
0.2861

364.8427, 0.2857,
0.3077

■ 31.0827, 0.2528,
0.2807

■ 82.0058, 0.2688,
0.2940

■ 20.6619, 0.2447,
0.2737

■ 106.8150, 0.2724,
0.2969

■ 12.8771, 0.2339,
0.2645

136.1821, 0.2754,
0.2994

■ 7.3439, 0.2193,
0.2518

170.4918, 0.2781,
0.3016

■ 3.6781, 0.1984,
0.2331

210.1283, 0.2804,
0.3034

■ 1.4952, 0.1666,
0.2036

255.4760, 0.2824,

■ 0.2853, 0.0523,

0.3050

0.1197

306.9193, 0.2841,
0.3065

0.0000, 0.0000,
0.0000

44.5241, 0.2593,
0.2861

44.5241, 0.2593,
0.2861

39.0465, 0.2437,
0.2709

50.6320, 0.2752,
0.3002

34.1679, 0.2290,
0.2547

57.3895, 0.2911,
0.3131

29.8614, 0.2154,
0.2379

64.8211, 0.3067,
0.3247

26.0956, 0.2036,
0.2207

72.9485, 0.3218,
0.3352

22.8345, 0.1938,
0.2037

81.7921, 0.3362,
0.3444

■ 20.0356, 0.1863,
0.1871

■ 88.2101, 0.3387,
0.3534

■ 18.5257, 0.1826,
0.1774

■ 93.8874, 0.3373,
0.3624

■ 97.6856, 0.3364,
0.3681

Harmonies

Analogous

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



44.5241, 0.2563, 0.3053



44.5241, 0.2593, 0.2861



44.5241, 0.2758, 0.2790

Triad

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



44.5241, 0.2593, 0.2861



44.5241, 0.3596, 0.3227



44.5241, 0.3205, 0.3795

Complementary

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



44.5241, 0.2593, 0.2861



46.6652, 0.3789, 0.3681

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.



44.5241, 0.3491, 0.3823



44.5241, 0.2593, 0.2861



44.5241, 0.3726, 0.3480

Square

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



44.5241, 0.2593, 0.2861



44.5241, 0.3335, 0.2999



44.5241, 0.3686, 0.3700



44.5241, 0.2907, 0.3609

Rectangle

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



44.5241, 0.2593, 0.2861



44.5241, 0.2929, 0.2811



44.5241, 0.3686, 0.3700



44.5241, 0.3306, 0.3823

Sweetspot

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



44.5258, 0.2593, 0.2861



88.5568, 0.2972, 0.3177



57.3866, 0.2888, 0.3849



18.6283, 0.2949, 0.3160



0.0000, 0.0000, 0.0000



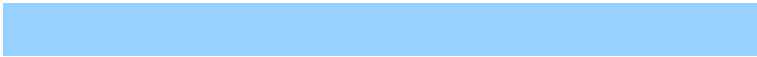
21.4041, 0.3127, 0.3290

Same Dimension

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



44.5258, 0.2593, 0.2861



59.4382, 0.2477, 0.2749



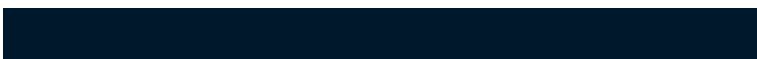
31.4844, 0.2527, 0.2351



13.1545, 0.2982, 0.3185



11.2967, 0.1833, 0.1798



0.8449, 0.1911, 0.2080

Inverse Universe

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



37.2118, 0.3477, 0.2798



47.8292, 0.3584, 0.2689



62.5508, 0.3653, 0.4082



12.5365, 0.3204, 0.3160



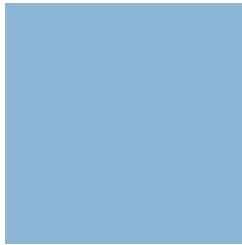
9.4853, 0.4688, 0.2356



0.5886, 0.4364, 0.2178

Previews

White Background



This preview shows how the Yxy color 44.5241, 0.2593, 0.2861 looks on a white background.

Color Contrast Check

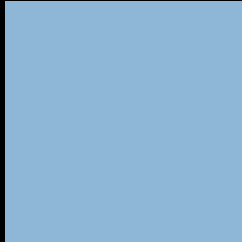
Large Text (above 18pt) WCAG AA × Fail

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 44.5241, 0.2593, 0.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

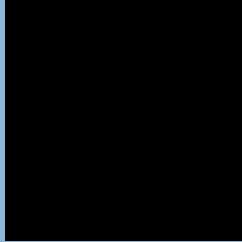
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

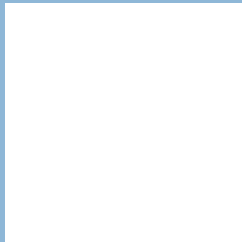
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5241, 0.2593, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 44.5241, 0.2593, 0.2861.



This preview shows how white text looks on a background with the Yxy color 44.5241, 0.2593, 0.2861.

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

44.5241, 0.2593, 0.2861

Protanopia

44.3617, 0.2826, 0.2852

Deuteranopia

44.3958, 0.2806, 0.2748



Tritanopia

44.3570, 0.2669, 0.3081

Trichromacy



Original Color

44.5241, 0.2593, 0.2861

Protanomaly

44.4672, 0.2731, 0.2858

Deuteranomaly

44.1887, 0.2725, 0.2786

Tritanomaly

44.2642, 0.2643, 0.3001

Monochromacy



Original Color

44.5241, 0.2593, 0.2861

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.7998, 0.2907, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5241, 0.2593, 0.2861 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, 183, 215)` looks like.

```
.text, #text, p{  
    color:rgb(142, 183, 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, 183, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 183, 215) }
```

Border

The CSS property to change the border of an element to Yxy 44.5241, 0.2593, 0.2861 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, 183, 215) }
```

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

```
.border{ border-color:rgb(142, 183, 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, 183, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 183, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 183, 215);  
box-shadow:4px 4px 4px 4px rgb(142, 183,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5241, 0.2593, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 183, 215) }
```

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

```
.background{ background-color: rgb(142,  
183, 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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