

Converting Colors

Yxy(53.8824, 0.2538, 0.2865)

Have a look what the booklet for
Yxy(53.8824, 0.2538, 0.2865)
contains.

Yxy(53.8824, 0.2538, 0.2865)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.8824, 0.2538, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	92C9EB
RGB	146, 201, 235
RGB Percent	57%, 79%, 92%
CMY	0.4274, 0.2117, 0.0786
CMYK	0.38, 0.14, 0.00, 0.08
HSL	203°, 69%, 75%
HSV	203°, 38%, 92%
XYZ	47.7325, 53.8824, 86.4563
YIQ	188.4310, -43.6940, -1.0860

Conversions

Conversions Part 2

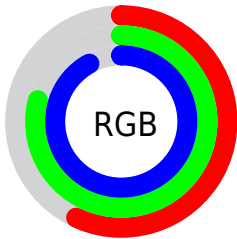
Format	Color
RYB	146, 180, 235
Decimal	9619947
CIELab	78.39, -9.44, -22.45
CIELCh	78, 24.356, 247.206
Yxy	53.8824, 0.2538, 0.2865
Android (android.graphics.Color)	4287810027 (0xFF92C9EB)
YUV	188.4310, 22.9585, -37.2120
Hunter-Lab	73.4046, -12.3858, -18.4488

Details

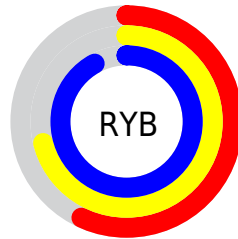
The Yxy color **53.8824, 0.2538, 0.2865** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.3611, 0.3913, 0.3675**, and the grayscale version is **50.4336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **26.3463, 0.2390, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **47.8869, 0.2391, 0.2730**, and if you desaturate by 10%, it is **60.5688, 0.2692, 0.2992**.

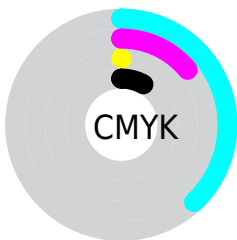
Distribution



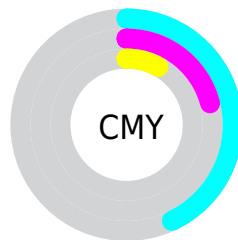
- Red (57%)
- Green (79%)
- Blue (92%)



- Red (57%)
- Yellow (71%)
- Blue (92%)



- Cyan (38%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (43%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8824, 0.2538, 0.2865 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 53.8824, 0.2538, 0.2865 by changing the saturation by 10% instead.

■ 53.8824, 0.2538,
0.2865

■ 53.8824, 0.2538,
0.2865

401.6614, 0.2819,
0.3074

■ 38.5077, 0.2472,
0.2814

■ 95.9016, 0.2637,
0.2940

■ 26.3769, 0.2390,
0.2751

■ 123.3147, 0.2675,
0.2968

■ 17.1058, 0.2285,
0.2667

155.5095, 0.2707,
0.2992

■ 10.3100, 0.2147,
0.2555

192.8703, 0.2736,
0.3013

■ 5.6050, 0.1957,
0.2397

235.7815, 0.2760,
0.3031

■ 2.6064, 0.1684,
0.2158

284.6275, 0.2782,

■ 0.9299, 0.1247,

0.3047

0.1776

339.7927, 0.2801,
0.3061

0.0000, 0.0000,
0.0000

53.8824, 0.2538,
0.2865

53.8824, 0.2538,
0.2865

47.8869, 0.2391,
0.2730

60.5688, 0.2692,
0.2992

42.5446, 0.2255,
0.2587

67.9689, 0.2849,
0.3108

37.8231, 0.2134,
0.2440

76.1117, 0.3006,
0.3214

33.6835, 0.2032,
0.2290

85.0227, 0.3160,
0.3310

30.0808, 0.1951,
0.2142

93.0801, 0.3253,
0.3396

■ 26.9550, 0.1891,
0.1998

■ 98.6650, 0.3244,
0.3482

■ 26.3299, 0.1880,
0.1968

■ 98.7763, 0.3244,
0.3483

Harmonies

Analogous

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



53.8824, 0.2539, 0.3093



53.8824, 0.2538, 0.2865



53.8824, 0.2684, 0.2761

Triad

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



53.8824, 0.2538, 0.2865



53.8824, 0.3578, 0.3166



53.8824, 0.3279, 0.3854

Complementary

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



53.8824, 0.2538, 0.2865



52.3611, 0.3913, 0.3675

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.



53.8824, 0.3572, 0.3844



53.8824, 0.2538, 0.2865



53.8824, 0.3753, 0.3434

Square

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



53.8824, 0.2538, 0.2865



53.8824, 0.3278, 0.2936



53.8824, 0.3749, 0.3682



53.8824, 0.2956, 0.3688

Rectangle

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



53.8824, 0.2538, 0.2865



53.8824, 0.2851, 0.2766



53.8824, 0.3749, 0.3682



53.8824, 0.3385, 0.3870

Sweetspot

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



53.8845, 0.2538, 0.2865



88.4201, 0.2956, 0.3182



68.7492, 0.2895, 0.4009



18.6368, 0.2935, 0.3167



0.0000, 0.0000, 0.0000



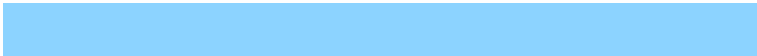
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8845, 0.2538, 0.2865



59.5027, 0.2429, 0.2766



36.5164, 0.2454, 0.2295



16.0999, 0.2981, 0.3198



14.9124, 0.1886, 0.1990



1.3558, 0.1942, 0.2190

Inverse Universe

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



42.4337, 0.3484, 0.2685



44.8023, 0.3581, 0.2570



72.5642, 0.3739, 0.4119



15.2106, 0.3196, 0.3145



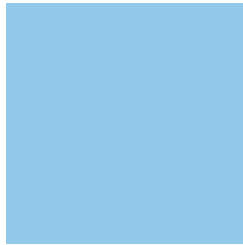
10.9982, 0.4464, 0.2233



0.8823, 0.4243, 0.2111

Previews

White Background



This preview shows how the Yxy color 53.8824, 0.2538, 0.2865 looks on a white background.

Color Contrast Check

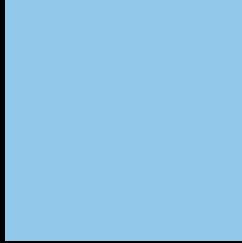
Large Text (above 18pt) WCAG AA × Fail

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 53.8824, 0.2538, 0.2865 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

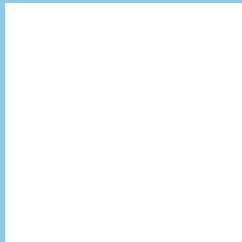
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8824, 0.2538, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 53.8824, 0.2538, 0.2865.



This preview shows how white text looks on a background with the Yxy color 53.8824, 0.2538, 0.2865.

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

53.8824, 0.2538, 0.2865

Protanopia

53.7955, 0.2821, 0.2850

Deuteranopia

53.4568, 0.2796, 0.2731



Tritanopia

54.1038, 0.2602, 0.3083

Trichromacy



Original Color

53.8824, 0.2538, 0.2865

Protanomaly

53.4577, 0.2707, 0.2852

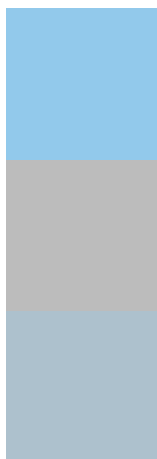
Deuteranomaly

53.1947, 0.2694, 0.2774

Tritanomaly

53.9878, 0.2578, 0.3008

Monochromacy



Original Color

53.8824, 0.2538, 0.2865

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.4319, 0.2887, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8824, 0.2538, 0.2865 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(146, 201, 235)` looks like.

```
.text, #text, p{  
    color:rgb(146, 201, 235)  
}
```

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(146, 201, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 201, 235) }
```

Border

The CSS property to change the border of an element to Yxy 53.8824, 0.2538, 0.2865 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(146, 201, 235) }
```

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

```
.border{ border-color:rgb(146, 201, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 201, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 201, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 201, 235);  
box-shadow:4px 4px 4px 4px rgb(146, 201,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8824, 0.2538, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 201, 235) }
```

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

```
.background{ background-color: rgb(146,  
201, 235) }
```

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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