

Converting Colors

$Yxy(52.9034, 0.2651, 0.2889)$

Have a look what the booklet for
Yxy(52.9034, 0.2651, 0.2889)
contains.

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Color

Yxy(53.0632, 0.2649, 0.2892)

Conversions

Conversions Part 1

Format	Color
Hex	A0C5E5
RGB	160, 197, 229
RGB Percent	63%, 77%, 90%
CMY	0.3726, 0.2274, 0.1019
CMYK	0.30, 0.14, 0.00, 0.10
HSL	208°, 57%, 76%
HSV	208°, 30%, 90%
XYZ	48.6046, 53.0632, 81.8149
YIQ	189.5850, -32.3240, 2.1080

Conversions

Conversions Part 2

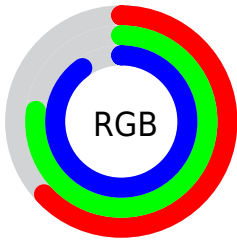
Format	Color
R_{YB}	160, 184, 229
Decimal	10536421
CIE _{Lab}	77.91, -4.96, -19.91
CIE _{LCh}	78, 20.515, 256.016
Yxy	53.0632, 0.2649, 0.2892
Android (android.graphics.Color)	4288726501 (0xFFA0C5E5)
YUV	189.5850, 19.4316, -25.9460
Hunter-Lab	72.8445, -8.3760, -15.6001

Details

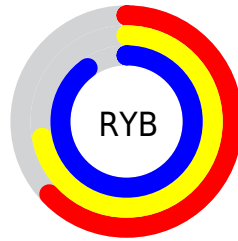
The Yxy color **53.0632, 0.2649, 0.2892** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.8910, 0.3696, 0.3656**, and the grayscale version is **51.1415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7026, 0.2894, 0.3279**, and **25.7262, 0.2525, 0.2787** is the 20% darker color. If you saturate the color by 10%, you get **46.2651, 0.2489, 0.2734**, and if you desaturate by 10%, it is **60.6399, 0.2811, 0.3038**.

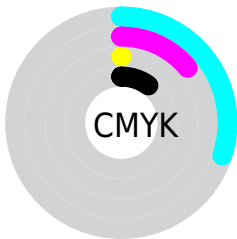
Distribution



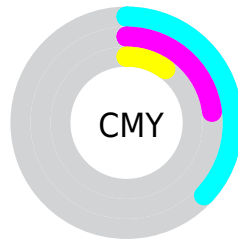
- Red (63%)
- Green (77%)
- Blue (90%)



- Red (63%)
- Yellow (72%)
- Blue (90%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (37%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0632, 0.2649, 0.2892 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 53.0632, 0.2649, 0.2892 by changing the saturation by 10% instead.

■ 53.0632, 0.2649,
0.2892

■ 53.0632, 0.2649,
0.2892

■ 398.5275, 0.2879,
0.3087

■ 37.8532, 0.2594,
0.2845

■ 94.6974, 0.2730,
0.2962

■ 25.8688, 0.2526,
0.2786

■ 121.8903, 0.2762,
0.2988

■ 16.7255, 0.2438,
0.2709

■ 153.8464, 0.2788,
0.3011

■ 10.0390, 0.2320,
0.2604

■ 190.9500, 0.2811,
0.3030

■ 5.4248, 0.2156,
0.2456

■ 233.5856, 0.2832,
0.3047

■ 2.4986, 0.1913,
0.2232

■ 282.1374, 0.2849,

■ 0.8759, 0.1515,

0.3062

0.1865

336.9899, 0.2865,
0.3075

0.0000, 0.0000,
0.0000

53.0632, 0.2649,
0.2892

53.0632, 0.2649,
0.2892

46.2651, 0.2489,
0.2734

60.6399, 0.2811,
0.3038

40.2083, 0.2334,
0.2565

69.0177, 0.2970,
0.3170

34.8617, 0.2190,
0.2388

78.2258, 0.3125,
0.3288

30.1886, 0.2060,
0.2206

88.2899, 0.3273,
0.3394

26.1480, 0.1951,
0.2024

95.3486, 0.3285,
0.3496

■ 22.6921, 0.1864,
0.1846

■ 98.4376, 0.3280,
0.3542

■ 19.7815, 0.1800,
0.1679

Harmonies

Analogous

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



53.0632, 0.2612, 0.3060



53.0632, 0.2649, 0.2892



53.0632, 0.2809, 0.2835

Triad

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



53.0632, 0.2649, 0.2892



53.0632, 0.3565, 0.3252



53.0632, 0.3177, 0.3737

Complementary

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



53.0632, 0.2649, 0.2892



56.8910, 0.3696, 0.3656

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.



53.0632, 0.3440, 0.3776



53.0632, 0.2649, 0.2892



53.0632, 0.3672, 0.3482

Square

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



53.0632, 0.2649, 0.2892



53.0632, 0.3337, 0.3040



53.0632, 0.3624, 0.3676



53.0632, 0.2909, 0.3560

Rectangle

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



53.0632, 0.2649, 0.2892



53.0632, 0.2968, 0.2860



53.0632, 0.3624, 0.3676



53.0632, 0.3269, 0.3766

Sweetspot

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



53.0653, 0.2649, 0.2892



89.3020, 0.2987, 0.3183



67.2793, 0.2905, 0.3763



18.7618, 0.2964, 0.3165



0.0000, 0.0000, 0.0000



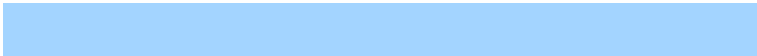
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0653, 0.2649, 0.2892



62.3336, 0.2551, 0.2797



39.4795, 0.2600, 0.2455



15.1611, 0.2981, 0.3178



11.5528, 0.1807, 0.1705



1.0392, 0.1876, 0.1955

Inverse Universe

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



45.8277, 0.3445, 0.2872



52.3010, 0.3531, 0.2785



73.3496, 0.3592, 0.4008



14.4966, 0.3209, 0.3165



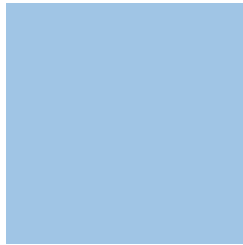
10.3640, 0.4801, 0.2418



0.7846, 0.4505, 0.2255

Previews

White Background



This preview shows how the Yxy color 53.0632, 0.2649, 0.2892 looks on a white background.

Color Contrast Check

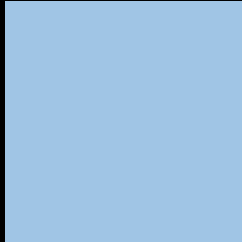
Large Text (above 18pt) WCAG AA × Fail

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 53.0632, 0.2649, 0.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

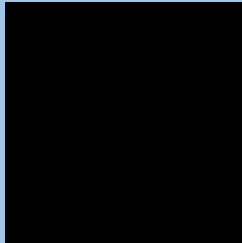
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

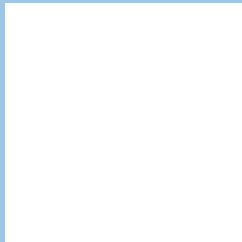
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0632, 0.2649, 0.2892

Background



This preview shows how black text looks on a background with the Yxy color 53.0632, 0.2649, 0.2892.



This preview shows how white text looks on a background with the Yxy color 53.0632, 0.2649, 0.2892.

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

53.0632, 0.2649, 0.2892

Protanopia

53.1369, 0.2847, 0.2883

Deuteranopia

52.9424, 0.2849, 0.2786



Tritanopia

52.9212, 0.2716, 0.3085

Trichromacy



Original Color

53.0632, 0.2649, 0.2892

Protanomaly

52.9780, 0.2777, 0.2889

Deuteranomaly

52.6781, 0.2771, 0.2821

Tritanomaly

52.8246, 0.2691, 0.3011

Monochromacy



Original Color

53.0632, 0.2649, 0.2892

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.0833, 0.2938, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0632, 0.2649, 0.2892 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(160, 197, 229)` looks like.

```
.text, #text, p{  
    color:rgb(160, 197, 229)  
}
```

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(160, 197, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 197, 229) }
```

Border

The CSS property to change the border of an element to Yxy 53.0632, 0.2649, 0.2892 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(160, 197, 229) }
```

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

```
.border{ border-color:rgb(160, 197, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 197, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 197, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 197, 229);  
box-shadow:4px 4px 4px 4px rgb(160, 197,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0632, 0.2649, 0.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 197, 229) }
```

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

```
.background{ background-color: rgb(160,  
197, 229) }
```

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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