

Converting Colors

Yxy(53.9661, 0.2516, 0.2829)

Have a look what the booklet for
Yxy(53.9661, 0.2516, 0.2829)
contains.

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Color

Yxy(53.9661, 0.2516, 0.2829)

Conversions

Conversions Part 1

Format	Color
Hex	91C9EE
RGB	145, 201, 238
RGB Percent	57%, 79%, 93%
CMY	0.4315, 0.2117, 0.0665
CMYK	0.39, 0.16, 0.00, 0.07
HSL	204°, 73%, 75%
HSV	204°, 39%, 93%
XYZ	47.9953, 53.9661, 88.7989
YIQ	188.4740, -45.2530, -0.3650

Conversions

Conversions Part 2

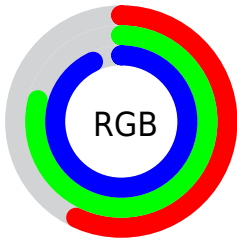
Format	Color
R _Y B	145, 180, 238
Decimal	9554414
CIE Lab	78.44, -8.92, -24.03
CIE LCh	78, 25.629, 249.637
Yxy	53.9661, 0.2516, 0.2829
Android (android.graphics.Color)	4287744494 (0xFF91C9EE)
YUV	188.4740, 24.4163, -38.1267
Hunter-Lab	73.4616, -11.9369, -20.2454

Details

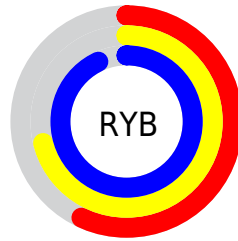
The Yxy color **53.9661, 0.2516, 0.2829** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.6794, 0.3941, 0.3704**, and the grayscale version is **50.4490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **26.4185, 0.2365, 0.2705** is the 20% darker color. If you saturate the color by 10%, you get **47.7479, 0.2368, 0.2686**, and if you desaturate by 10%, it is **60.9136, 0.2671, 0.2963**.

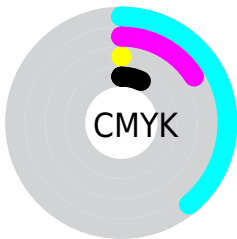
Distribution



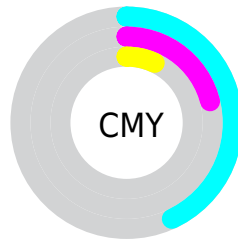
- Red (57%)
- Green (79%)
- Blue (93%)



- Red (57%)
- Yellow (71%)
- Blue (93%)



- Cyan (39%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (43%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9661, 0.2516, 0.2829 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 53.9661, 0.2516, 0.2829 by changing the saturation by 10% instead.

■ 53.9661, 0.2516,
0.2829

■ 53.9661, 0.2516,
0.2829

401.9807, 0.2807,
0.3055

■ 38.5746, 0.2448,
0.2775

■ 96.0245, 0.2618,
0.2910

■ 26.4289, 0.2364,
0.2706

■ 123.4601, 0.2658,
0.2940

■ 17.1448, 0.2256,
0.2617

155.6792, 0.2691,
0.2966

■ 10.3378, 0.2114,
0.2498

193.0662, 0.2721,
0.2989

■ 5.6235, 0.1920,
0.2330

236.0054, 0.2746,
0.3009

■ 2.6175, 0.1642,
0.2080

284.8813, 0.2769,

■ 0.9355, 0.1208,

0.3026

0.1686

340.0783, 0.2789,
0.3041

0.0000, 0.0000,
0.0000

53.9661, 0.2516,
0.2829

53.9661, 0.2516,
0.2829

47.7479, 0.2368,
0.2686

60.9136, 0.2671,
0.2963

42.2194, 0.2231,
0.2536

68.6151, 0.2829,
0.3086

37.3459, 0.2110,
0.2381

77.1011, 0.2986,
0.3198

33.0861, 0.2008,
0.2225

86.3987, 0.3141,
0.3299

29.3918, 0.1928,
0.2071

94.7894, 0.3232,
0.3390

■ 26.1917, 0.1869,
0.1922

■ 98.9549, 0.3226,
0.3454

■ 25.9192, 0.1864,
0.1908

Harmonies

Analogous

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



53.9661, 0.2504, 0.3058



53.9661, 0.2516, 0.2829



53.9661, 0.2680, 0.2733

Triad

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



53.9661, 0.2516, 0.2829



53.9661, 0.3622, 0.3181



53.9661, 0.3258, 0.3877

Complementary

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



53.9661, 0.2516, 0.2829



53.6794, 0.3941, 0.3704

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.



53.9661, 0.3573, 0.3880



53.9661, 0.2516, 0.2829



53.9661, 0.3793, 0.3462

Square

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



53.9661, 0.2516, 0.2829



53.9661, 0.3314, 0.2935



53.9661, 0.3772, 0.3719



53.9661, 0.2921, 0.3688

Rectangle

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



53.9661, 0.2516, 0.2829



53.9661, 0.2861, 0.2746



53.9661, 0.3772, 0.3719



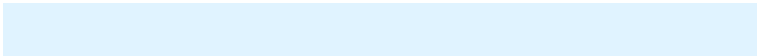
53.9661, 0.3370, 0.3899

Sweetspot

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



53.9682, 0.2516, 0.2829



87.1282, 0.2940, 0.3166



70.5058, 0.2880, 0.4017



18.3669, 0.2919, 0.3151



0.0000, 0.0000, 0.0000



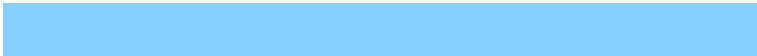
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9682, 0.2516, 0.2829



57.1631, 0.2396, 0.2714



35.9106, 0.2425, 0.2235



16.8122, 0.2980, 0.3194



14.7159, 0.1870, 0.1932



1.4181, 0.1925, 0.2129

Inverse Universe

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



42.6413, 0.3515, 0.2680



43.1504, 0.3629, 0.2558



75.2594, 0.3754, 0.4161



15.9187, 0.3199, 0.3149



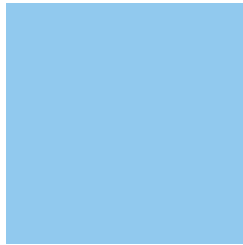
11.2789, 0.4531, 0.2270



0.9579, 0.4309, 0.2148

Previews

White Background



This preview shows how the Yxy color 53.9661, 0.2516, 0.2829 looks on a white background.

Color Contrast Check

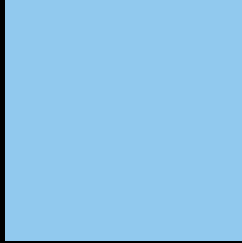
Large Text (above 18pt) WCAG AA × Fail

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 53.9661, 0.2516, 0.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

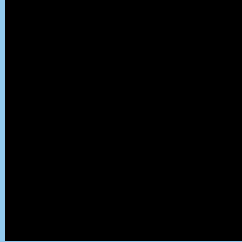
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9661, 0.2516, 0.2829

Background



This preview shows how black text looks on a background with the Yxy color 53.9661, 0.2516, 0.2829.



This preview shows how white text looks on a background with the Yxy color 53.9661, 0.2516, 0.2829.

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

53.9661, 0.2516, 0.2829

Protanopia

53.8398, 0.2794, 0.2816

Deuteranopia

53.3778, 0.2762, 0.2697



Tritanopia

53.9285, 0.2590, 0.3082

Trichromacy



Original Color

53.9661, 0.2516, 0.2829

Protanomaly

53.5168, 0.2682, 0.2817

Deuteranomaly

53.1426, 0.2663, 0.2739

Tritanomaly

54.0087, 0.2562, 0.2983

Monochromacy



Original Color

53.9661, 0.2516, 0.2829

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.3668, 0.2872, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9661, 0.2516, 0.2829 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(145, 201, 238)` looks like.

```
.text, #text, p{  
    color:rgb(145, 201, 238)  
}
```

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(145, 201, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 201, 238) }
```

Border

The CSS property to change the border of an element to Yxy 53.9661, 0.2516, 0.2829 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(145, 201, 238) }
```

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

```
.border{ border-color:rgb(145, 201, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 201, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 201, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 201, 238);  
box-shadow:4px 4px 4px 4px rgb(145, 201,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9661, 0.2516, 0.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 201, 238) }
```

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

```
.background{ background-color: rgb(145,  
201, 238) }
```

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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