

Converting Colors

Yxy(53.7614, 0.2618, 0.2747)

Have a look what the booklet for
Yxy(53.7614, 0.2618, 0.2747)
contains.

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Color

Yxy(53.9377, 0.2617, 0.2749)

Conversions

Conversions Part 1

Format	Color
Hex	A6C4F1
RGB	166, 196, 241
RGB Percent	65%, 77%, 95%
CMY	0.3489, 0.2314, 0.0549
CMYK	0.31, 0.19, 0.00, 0.05
HSL	216°, 73%, 80%
HSV	216°, 31%, 95%
XYZ	51.3477, 53.9377, 90.9230
YIQ	192.1600, -32.3250, 7.6350

Conversions

Conversions Part 2

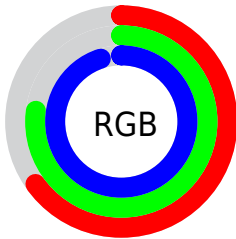
Format	Color
R _Y B	166, 187, 241
Decimal	10929393
CIE Lab	78.43, 0.22, -25.53
CIE LCh	78, 25.535, 270.484
Yxy	53.9377, 0.2617, 0.2749
Android (android.graphics.Color)	4289119473 (0xFFA6C4F1)
YUV	192.1600, 24.0781, -22.9423
Hunter-Lab	73.4423, -3.7243, -21.9926

Details

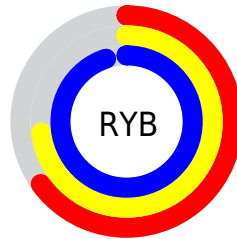
The Yxy color **53.9377, 0.2617, 0.2749** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.0630, 0.3687, 0.3776**, and the grayscale version is **52.6859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0002, 0.2928, 0.3269**, and **26.2935, 0.2485, 0.2602** is the 20% darker color. If you saturate the color by 10%, you get **45.3589, 0.2443, 0.2538**, and if you desaturate by 10%, it is **63.6382, 0.2789, 0.2943**.

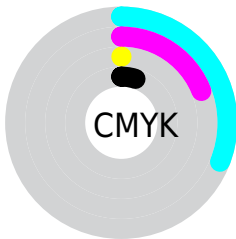
Distribution



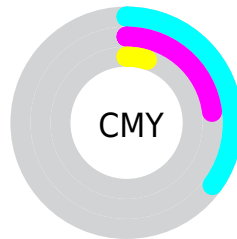
- Red (65%)
- Green (77%)
- Blue (95%)



- Red (65%)
- Yellow (73%)
- Blue (95%)



- Cyan (31%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (35%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9377, 0.2617, 0.2749 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 53.9377, 0.2617, 0.2749 by changing the saturation by 10% instead.

■ 53.9377, 0.2617,
0.2749

■ 53.9377, 0.2617,
0.2749

401.8724, 0.2862,
0.3008

■ 38.5519, 0.2559,
0.2688

■ 95.9828, 0.2703,
0.2841

■ 26.4113, 0.2487,
0.2612

■ 123.4108, 0.2737,
0.2876

■ 17.1316, 0.2395,
0.2514

155.6216, 0.2765,
0.2906

■ 10.3283, 0.2272,
0.2384

192.9997, 0.2790,
0.2932

■ 5.6172, 0.2103,
0.2205

235.9295, 0.2811,
0.2955

■ 2.6137, 0.1857,
0.1946

284.7952, 0.2830,

■ 0.9336, 0.1478,

0.2975

0.1546

339.9814, 0.2847,
0.2993

0.0000, 0.0000,
0.0000

53.9377, 0.2617,
0.2749

53.9377, 0.2617,
0.2749

45.3589, 0.2443,
0.2538

63.6382, 0.2789,
0.2943

37.8505, 0.2272,
0.2314

74.4961, 0.2954,
0.3118

31.3659, 0.2109,
0.2081

86.5536, 0.3110,
0.3274

25.8522, 0.1962,
0.1845

98.4108, 0.3209,
0.3414

21.2504, 0.1837,
0.1617

99.1309, 0.3209,
0.3425

■ 17.4927, 0.1740,
0.1404

■ 14.7753, 0.1676,
0.1233

Harmonies

Analogous

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



53.9377, 0.2498, 0.2887



53.9377, 0.2617, 0.2749



53.9377, 0.2871, 0.2750

Triad

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



53.9377, 0.2617, 0.2749



53.9377, 0.3758, 0.3376



53.9377, 0.3021, 0.3761

Complementary

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



53.9377, 0.2617, 0.2749



68.0630, 0.3687, 0.3776

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.



53.9377, 0.3360, 0.3896



53.9377, 0.2617, 0.2749



53.9377, 0.3797, 0.3646

Square

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



53.9377, 0.2617, 0.2749



53.9377, 0.3537, 0.3100



53.9377, 0.3648, 0.3844



53.9377, 0.2721, 0.3477

Rectangle

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



53.9377, 0.2617, 0.2749



53.9377, 0.3091, 0.2822



53.9377, 0.3648, 0.3844



53.9377, 0.3134, 0.3827

Sweetspot

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



53.9398, 0.2617, 0.2749



87.4266, 0.2987, 0.3152



75.7253, 0.2836, 0.3644



18.3005, 0.2964, 0.3128



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.



53.9398, 0.2617, 0.2749



55.3132, 0.2513, 0.2624



42.5809, 0.2627, 0.2387



16.2655, 0.2980, 0.3144



8.2591, 0.1684, 0.1263



0.8766, 0.1756, 0.1522

Inverse Universe

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



49.9712, 0.3552, 0.2965



50.7214, 0.3668, 0.2899



83.0737, 0.3543, 0.4082



15.8635, 0.3230, 0.3196



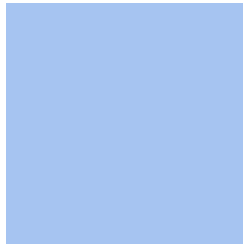
10.6271, 0.5378, 0.2737



0.9032, 0.5030, 0.2545

Previews

White Background



This preview shows how the Yxy color 53.9377, 0.2617, 0.2749 looks on a white background.

Color Contrast Check

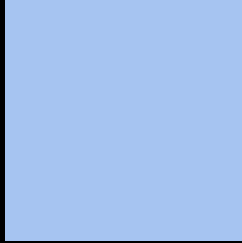
Large Text (above 18pt) WCAG AA × Fail

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 53.9377, 0.2617, 0.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

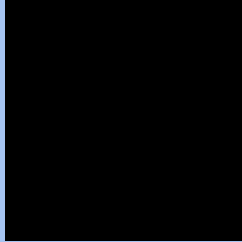
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

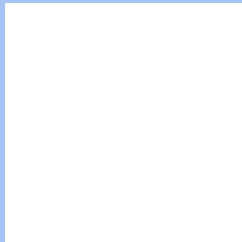
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9377, 0.2617, 0.2749

Background



This preview shows how black text looks on a background with the Yxy color 53.9377, 0.2617, 0.2749.



This preview shows how white text looks on a background with the Yxy color 53.9377, 0.2617, 0.2749.

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

53.9377, 0.2617, 0.2749

Protanopia

53.9396, 0.2742, 0.2749

Deuteranopia

53.8025, 0.2744, 0.2687



Tritanopia

53.8435, 0.2737, 0.3087

Trichromacy



Original Color

53.9377, 0.2617, 0.2749

Protanomaly

53.7190, 0.2696, 0.2744

Deuteranomaly

53.6938, 0.2691, 0.2702

Tritanomaly

54.0696, 0.2695, 0.2966

Monochromacy



Original Color

53.9377, 0.2617, 0.2749

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8604, 0.2927, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9377, 0.2617, 0.2749 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(166, 196, 241)` looks like.

```
.text, #text, p{  
    color:rgb(166, 196, 241)  
}
```

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(166, 196, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 196, 241) }
```

Border

The CSS property to change the border of an element to Yxy 53.9377, 0.2617, 0.2749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

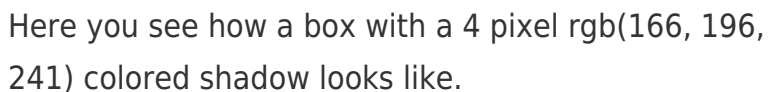
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 196, 241) }
```

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

```
.border{ border-color:rgb(166, 196, 241) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 196, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 196, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 196, 241); box-shadow:4px 4px 4px 4px rgb(166, 196, 241) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9377, 0.2617, 0.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 196, 241) }
```

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

```
.background{ background-color: rgb(166,  
196, 241) }
```

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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