

Converting Colors

$Yxy(53.1164, 0.2620, 0.2936)$

Have a look what the booklet for
Yxy(53.1164, 0.2620, 0.2936)
contains.

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Color

Yxy(53.1652, 0.2620, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	99C7E3
RGB	153, 199, 227
RGB Percent	60%, 78%, 89%
CMY	0.3999, 0.2196, 0.1098
CMYK	0.33, 0.12, 0.00, 0.11
HSL	203°, 57%, 75%
HSV	203°, 33%, 89%
XYZ	47.4269, 53.1652, 80.4266
YIQ	188.4380, -36.4040, -1.0440

Conversions

Conversions Part 2

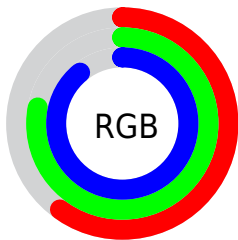
Format	Color
RYB	153, 181, 227
Decimal	10078179
CIELab	77.97, -8.47, -18.77
CIELCh	78, 20.593, 245.706
Yxy	53.1652, 0.2620, 0.2937
Android (android.graphics.Color)	4288268259 (0xFF99C7E3)
YUV	188.4380, 19.0111, -31.0791
Hunter-Lab	72.9145, -11.4958, -14.3583

Details

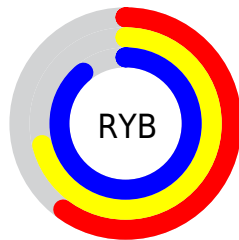
The Yxy color **53.1652, 0.2620, 0.2937** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.6824, 0.3775, 0.3616**, and the grayscale version is **50.4599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **25.8820, 0.2485, 0.2831** is the 20% darker color. If you saturate the color by 10%, you get **47.3225, 0.2469, 0.2808**, and if you desaturate by 10%, it is **59.6553, 0.2775, 0.3057**.

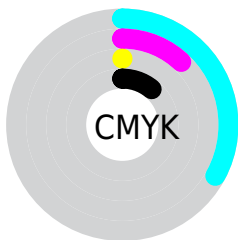
Distribution



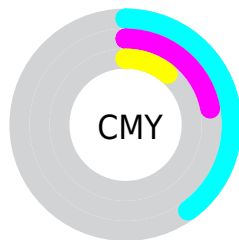
- Red (60%)
- Green (78%)
- Blue (89%)



- Red (60%)
- Yellow (71%)
- Blue (89%)



- Cyan (33%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (40%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1652, 0.2620, 0.2937 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 53.1652, 0.2620, 0.2937 by changing the saturation by 10% instead.

■ 53.1652, 0.2620,
0.2937

■ 53.1652, 0.2620,
0.2937

■ 398.9186, 0.2863,
0.3111

■ 37.9347, 0.2562,
0.2894

■ 94.8474, 0.2706,
0.3000

■ 25.9320, 0.2490,
0.2841

■ 122.0679, 0.2739,
0.3023

■ 16.7728, 0.2397,
0.2770

■ 154.0538, 0.2767,
0.3044

■ 10.0726, 0.2274,
0.2674

■ 191.1895, 0.2792,
0.3061

■ 5.4471, 0.2102,
0.2536

■ 233.8595, 0.2813,
0.3076

■ 2.5119, 0.1848,
0.2325

■ 282.4480, 0.2832,

■ 0.8826, 0.1414,

0.3089

0.1975

337.3396, 0.2849,
0.3101

0.0000, 0.0000,
0.0000

53.1652, 0.2620,
0.2937

53.1652, 0.2620,
0.2937

47.3225, 0.2469,
0.2808

59.6553, 0.2775,
0.3057

42.0934, 0.2328,
0.2670

66.8122, 0.2932,
0.3167

37.4500, 0.2199,
0.2527

74.6618, 0.3088,
0.3266

33.3590, 0.2087,
0.2380

83.2267, 0.3239,
0.3355

29.7826, 0.1995,
0.2232

90.2780, 0.3307,
0.3437

■ 26.6757, 0.1925,
0.2087

■ 95.5102, 0.3297,
0.3520

■ 24.6240, 0.1884,
0.1982

■ 98.3255, 0.3292,
0.3562

Harmonies

Analogous

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



53.1652, 0.2628, 0.3138



53.1652, 0.2620, 0.2937



53.1652, 0.2740, 0.2840

Triad

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



53.1652, 0.2620, 0.2937



53.1652, 0.3499, 0.3174



53.1652, 0.3272, 0.3768

Complementary

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



53.1652, 0.2620, 0.2937



51.6824, 0.3775, 0.3616

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.



53.1652, 0.3517, 0.3757



53.1652, 0.2620, 0.2937



53.1652, 0.3654, 0.3405

Square

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



53.1652, 0.2620, 0.2937



53.1652, 0.3243, 0.2978



53.1652, 0.3659, 0.3618



53.1652, 0.2996, 0.3635

Rectangle

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



53.1652, 0.2620, 0.2937



53.1652, 0.2881, 0.2839



53.1652, 0.3659, 0.3618



53.1652, 0.3361, 0.3781

Sweetspot

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



53.1673, 0.2620, 0.2937



89.4777, 0.2972, 0.3193



65.0081, 0.2924, 0.3890



18.8513, 0.2950, 0.3178



0.0000, 0.0000, 0.0000



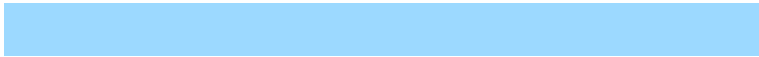
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1673, 0.2620, 0.2937



64.0590, 0.2519, 0.2852



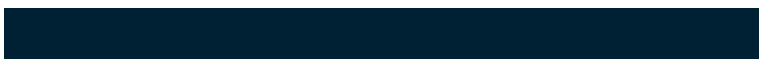
38.4738, 0.2561, 0.2458



15.3720, 0.2981, 0.3199



14.5938, 0.1890, 0.2004



1.2561, 0.1948, 0.2212

Inverse Universe

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



43.2428, 0.3418, 0.2769



49.9151, 0.3498, 0.2661



68.3211, 0.3649, 0.4004



14.5179, 0.3196, 0.3145



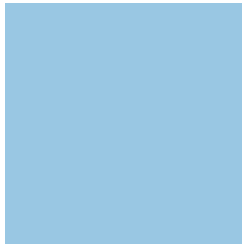
10.6710, 0.4449, 0.2224



0.8065, 0.4219, 0.2098

Previews

White Background



This preview shows how the Yxy color 53.1652, 0.2620, 0.2937 looks on a white background.

Color Contrast Check

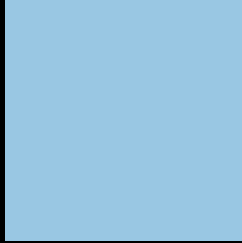
Large Text (above 18pt) WCAG AA × Fail

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 53.1652, 0.2620, 0.2937 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 53.1652, 0.2620, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 53.1652, 0.2620, 0.2937.



This preview shows how white text looks on a background with the Yxy color 53.1652, 0.2620, 0.2937.

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

53.1652, 0.2620, 0.2937

Protanopia

53.0469, 0.2881, 0.2929

Deuteranopia

52.9610, 0.2870, 0.2808



Tritanopia

53.3624, 0.2668, 0.3084

Trichromacy



Original Color

53.1652, 0.2620, 0.2937

Protanomaly

53.0252, 0.2783, 0.2934

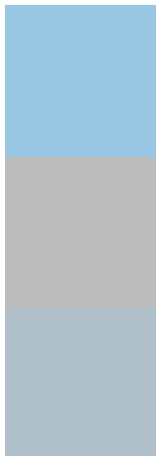
Deuteranomaly

52.7657, 0.2770, 0.2854

Tritanomaly

53.2044, 0.2650, 0.3022

Monochromacy



Original Color

53.1652, 0.2620, 0.2937

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.0775, 0.2922, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1652, 0.2620, 0.2937 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(153, 199, 227)` looks like.

```
.text, #text, p{  
    color:rgb(153, 199, 227)  
}
```

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(153, 199, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 199, 227) }
```

Border

The CSS property to change the border of an element to Yxy 53.1652, 0.2620, 0.2937 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(153, 199, 227) }
```

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

```
.border{ border-color:rgb(153, 199, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 199, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 199, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 199, 227);  
box-shadow:4px 4px 4px 4px rgb(153, 199,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1652, 0.2620, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 199, 227) }
```

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

```
.background{ background-color: rgb(153,  
199, 227) }
```

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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