

Converting Colors

$Yxy(52.5369, 0.2556, 0.2863)$

Have a look what the booklet for
Yxy(52.5369, 0.2556, 0.2863)
contains.

Yxy(52.4174, 0.2554, 0.2861)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.4174, 0.2554, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	93C6E8
RGB	147, 198, 232
RGB Percent	58%, 78%, 91%
CMY	0.4235, 0.2235, 0.0901
CMYK	0.37, 0.15, 0.00, 0.09
HSL	204°, 65%, 74%
HSV	204°, 37%, 91%
XYZ	46.7927, 52.4174, 84.0034
YIQ	186.6270, -41.3100, -0.2380

Conversions

Conversions Part 2

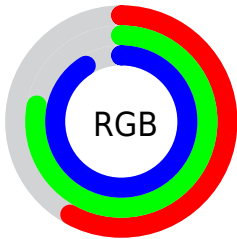
Format	Color
R_{YB}	147, 179, 232
Decimal	9684712
CIE _{Lab}	77.53, -8.34, -22.17
CIE _{LCh}	78, 23.691, 249.388
Yxy	52.4174, 0.2554, 0.2861
Android (android.graphics.Color)	4287874792 (0xFF93C6E8)
YUV	186.6270, 22.3689, -34.7529
Hunter-Lab	72.3999, -11.3335, -18.1125

Details

The Yxy color **52.4174, 0.2554, 0.2861** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.3152, 0.3873, 0.3679**, and the grayscale version is **49.3634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **25.4083, 0.2413, 0.2746** is the 20% darker color. If you saturate the color by 10%, you get **46.3725, 0.2404, 0.2720**, and if you desaturate by 10%, it is **59.1589, 0.2710, 0.2993**.

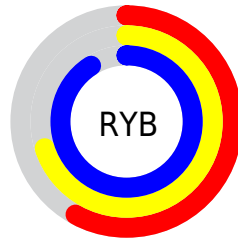
Distribution



Red (58%)

Green (78%)

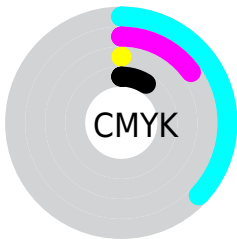
Blue (91%)



Red (58%)

Yellow (70%)

Blue (91%)

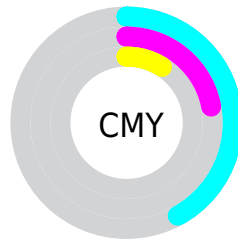


Cyan (37%)

Magenta (15%)

Yellow (0%)

Black (9%)



Cyan (42%)

Magenta (22%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4174, 0.2554, 0.2861 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 52.4174, 0.2554, 0.2861 by changing the saturation by 10% instead.

■ 52.4174, 0.2554,
0.2861

■ 52.4174, 0.2554,
0.2861

396.0459, 0.2829,
0.3072

■ 37.3379, 0.2489,
0.2810

■ 93.7465, 0.2651,
0.2937

■ 25.4692, 0.2408,
0.2745

■ 120.7649, 0.2688,
0.2966

■ 16.4270, 0.2304,
0.2660

152.5317, 0.2720,
0.2990

■ 9.8268, 0.2167,
0.2546

189.4314, 0.2748,
0.3011

■ 5.2843, 0.1976,
0.2383

231.8482, 0.2772,
0.3029

■ 2.4150, 0.1700,
0.2137

280.1666, 0.2793,

■ 0.8336, 0.1231,

0.3045

0.1742

334.7711, 0.2812,
0.3060

0.0000, 0.0000,
0.0000

52.4174, 0.2554,
0.2861

52.4174, 0.2554,
0.2861

46.3725, 0.2404,
0.2720

59.1589, 0.2710,
0.2993

40.9873, 0.2264,
0.2571

66.6194, 0.2868,
0.3114

36.2302, 0.2138,
0.2416

74.8276, 0.3025,
0.3223

32.0635, 0.2031,
0.2259

83.8083, 0.3178,
0.3322

28.4436, 0.1945,
0.2104

92.0355, 0.3272,
0.3411

■ 25.3169, 0.1881,
0.1953

■ 97.7751, 0.3263,
0.3500

■ 24.3494, 0.1862,
0.1903

■ 98.6069, 0.3262,
0.3512

Harmonies

Analogous

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



52.4174, 0.2544, 0.3078



52.4174, 0.2554, 0.2861



52.4174, 0.2708, 0.2768

Triad

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



52.4174, 0.2554, 0.2861



52.4174, 0.3587, 0.3187



52.4174, 0.3254, 0.3837

Complementary

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



52.4174, 0.2554, 0.2861



52.3152, 0.3873, 0.3679

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.



52.4174, 0.3546, 0.3840



52.4174, 0.2554, 0.2861



52.4174, 0.3748, 0.3451

Square

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



52.4174, 0.2554, 0.2861



52.4174, 0.3299, 0.2956



52.4174, 0.3730, 0.3691



52.4174, 0.2937, 0.3662

Rectangle

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



52.4174, 0.2554, 0.2861



52.4174, 0.2877, 0.2779



52.4174, 0.3730, 0.3691



52.4174, 0.3358, 0.3857

Sweetspot

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



52.4194, 0.2554, 0.2861



88.1111, 0.2956, 0.3176



67.2594, 0.2886, 0.3943



18.5630, 0.2935, 0.3161



0.0000, 0.0000, 0.0000



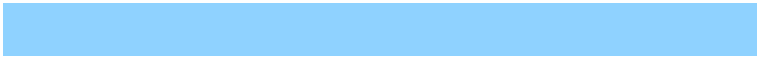
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4194, 0.2554, 0.2861



59.1920, 0.2439, 0.2755



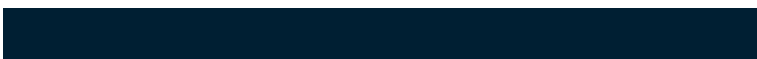
35.6392, 0.2474, 0.2296



15.3182, 0.2981, 0.3194



13.7692, 0.1869, 0.1927



1.1981, 0.1930, 0.2147

Inverse Universe

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



42.1022, 0.3484, 0.2721



45.5038, 0.3588, 0.2605



72.3131, 0.3708, 0.4120



14.5125, 0.3199, 0.3150



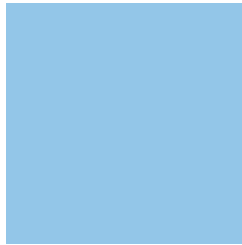
10.5877, 0.4536, 0.2273



0.8006, 0.4290, 0.2137

Previews

White Background



This preview shows how the Yxy color 52.4174, 0.2554, 0.2861 looks on a white background.

Color Contrast Check

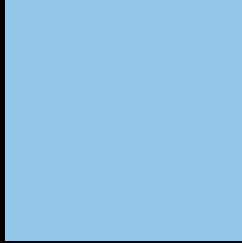
Large Text (above 18pt) WCAG AA × Fail

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 52.4174, 0.2554, 0.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

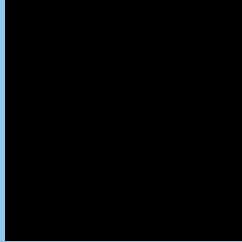
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4174, 0.2554, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 52.4174, 0.2554, 0.2861.



This preview shows how white text looks on a background with the Yxy color 52.4174, 0.2554, 0.2861.

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

52.4174, 0.2554, 0.2861

Protanopia

51.9535, 0.2817, 0.2844

Deuteranopia

52.1725, 0.2799, 0.2737



Tritanopia

52.6227, 0.2619, 0.3081

Trichromacy



Original Color

52.4174, 0.2554, 0.2861

Protanomaly

51.8468, 0.2715, 0.2847

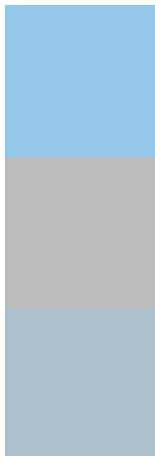
Deuteranomaly

52.0290, 0.2703, 0.2781

Tritanomaly

52.5118, 0.2595, 0.3006

Monochromacy



Original Color

52.4174, 0.2554, 0.2861

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.3441, 0.2892, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4174, 0.2554, 0.2861 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(147, 198, 232)` looks like.

```
.text, #text, p{  
    color:rgb(147, 198, 232)  
}
```

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(147, 198, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 198, 232) }
```

Border

The CSS property to change the border of an element to Yxy 52.4174, 0.2554, 0.2861 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(147, 198, 232) }
```

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

```
.border{ border-color:rgb(147, 198, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 198, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 198, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 198, 232); box-shadow:4px 4px 4px 4px rgb(147, 198, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4174, 0.2554, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 198, 232) }
```

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

```
.background{ background-color: rgb(147,  
198, 232) }
```

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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