

Converting Colors

$Y_{xy}(52.2448, 0.2517, 0.2778)$

Have a look what the booklet for
Yxy(52.2448, 0.2517, 0.2778)
contains.

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Color

Yxy(52.3086, 0.2520, 0.2779)

Conversions

Conversions Part 1

Format	Color
Hex	93C5EE
RGB	147, 197, 238
RGB Percent	58%, 77%, 93%
CMY	0.4235, 0.2274, 0.0667
CMYK	0.38, 0.17, 0.00, 0.07
HSL	207°, 73%, 75%
HSV	207°, 38%, 93%
XYZ	47.4335, 52.3086, 88.4860
YIQ	186.7240, -42.9610, 2.1510

Conversions

Conversions Part 2

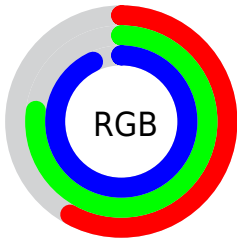
Format	Color
R_{YB}	147, 179, 238
Decimal	9684462
CIE _{Lab}	77.47, -6.27, -25.49
CIE _{LCh}	77, 26.251, 256.189
Yxy	52.3086, 0.2520, 0.2779
Android (android.graphics.Color)	4287874542 (0xFF93C5EE)
YUV	186.7240, 25.2791, -34.8379
Hunter-Lab	72.3247, -9.5006, -21.9114

Details

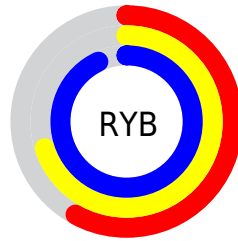
The Yxy color **52.3086, 0.2520, 0.2779** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.2596, 0.3897, 0.3747**, and the grayscale version is **49.4066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9410, 0.2826, 0.3279**, and **25.2976, 0.2364, 0.2637** is the 20% darker color. If you saturate the color by 10%, you get **45.6340, 0.2365, 0.2617**, and if you desaturate by 10%, it is **59.7890, 0.2680, 0.2931**.

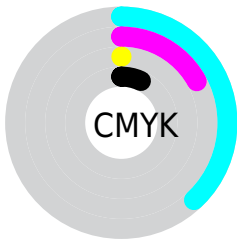
Distribution



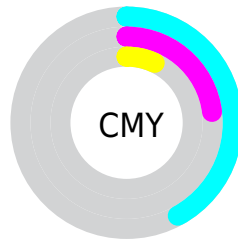
- Red (58%)
- Green (77%)
- Blue (93%)



- Red (58%)
- Yellow (70%)
- Blue (93%)



- Cyan (38%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3086, 0.2520, 0.2779 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 52.3086, 0.2520, 0.2779 by changing the saturation by 10% instead.

■ 52.3086, 0.2520,
0.2779

■ 52.3086, 0.2520,
0.2779

395.6268, 0.2811,
0.3029

■ 37.2511, 0.2452,
0.2719

■ 93.5862, 0.2622,
0.2868

■ 25.4020, 0.2367,
0.2644

■ 120.5751, 0.2662,
0.2902

■ 16.3768, 0.2257,
0.2546

152.3099, 0.2696,
0.2931

■ 9.7912, 0.2114,
0.2415

189.1751, 0.2725,
0.2956

■ 5.2607, 0.1916,
0.2233

231.5550, 0.2750,
0.2977

■ 2.4010, 0.1633,
0.1963

279.8339, 0.2773,

■ 0.8264, 0.1179,

0.2997

0.1541

334.3964, 0.2793,
0.3013

0.0000, 0.0000,
0.0000

52.3086, 0.2520,
0.2779

52.3086, 0.2520,
0.2779

45.6340, 0.2365,
0.2617

59.7890, 0.2680,
0.2931

39.7237, 0.2220,
0.2445

68.1018, 0.2841,
0.3070

34.5409, 0.2089,
0.2269

77.2798, 0.3000,
0.3196

30.0421, 0.1978,
0.2091

87.3519, 0.3154,
0.3309

26.1774, 0.1889,
0.1917

96.1953, 0.3230,
0.3412

■ 22.8791, 0.1822,
0.1750

■ 98.9532, 0.3226,
0.3454

■ 22.3379, 0.1811,
0.1721

Harmonies

Analogous

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



52.3086, 0.2472, 0.2987



52.3086, 0.2520, 0.2779



52.3086, 0.2721, 0.2712

Triad

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



52.3086, 0.2520, 0.2779



52.3086, 0.3693, 0.3239



52.3086, 0.3185, 0.3871

Complementary

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



52.3086, 0.2520, 0.2779



56.2596, 0.3897, 0.3747

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.



52.3086, 0.3523, 0.3917



52.3086, 0.2520, 0.2779



52.3086, 0.3830, 0.3530

Square

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



52.3086, 0.2520, 0.2779



52.3086, 0.3397, 0.2973



52.3086, 0.3764, 0.3781



52.3086, 0.2843, 0.3639

Rectangle

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



52.3086, 0.2520, 0.2779



52.3086, 0.2923, 0.2746



52.3086, 0.3764, 0.3781



52.3086, 0.3303, 0.3909

Sweetspot

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



52.3106, 0.2520, 0.2779



87.2612, 0.2956, 0.3162



70.9841, 0.2852, 0.3917



18.3603, 0.2934, 0.3145



0.0000, 0.0000, 0.0000



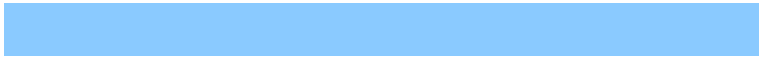
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3106, 0.2520, 0.2779



54.9041, 0.2396, 0.2651



34.6942, 0.2431, 0.2184



16.6683, 0.2980, 0.3181



12.7244, 0.1819, 0.1746



1.2570, 0.1880, 0.1967

Inverse Universe

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



43.0819, 0.3551, 0.2743



43.6219, 0.3678, 0.2632



78.8192, 0.3717, 0.4198



15.9042, 0.3207, 0.3161



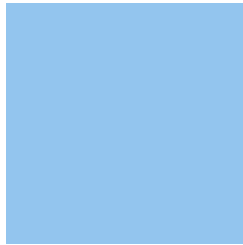
11.0779, 0.4750, 0.2390



0.9416, 0.4491, 0.2248

Previews

White Background



This preview shows how the Yxy color 52.3086, 0.2520, 0.2779 looks on a white background.

Color Contrast Check

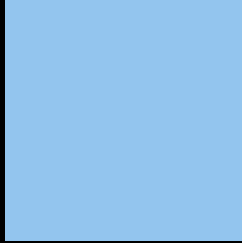
Large Text (above 18pt) WCAG AA × Fail

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 52.3086, 0.2520, 0.2779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

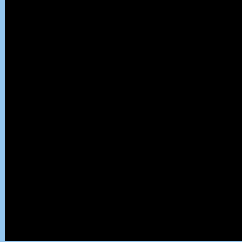
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

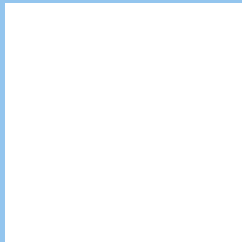
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3086, 0.2520, 0.2779

Background



This preview shows how black text looks on a background with the Yxy color 52.3086, 0.2520, 0.2779.



This preview shows how white text looks on a background with the Yxy color 52.3086, 0.2520, 0.2779.

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

52.3086, 0.2520, 0.2779

Protanopia

52.0451, 0.2763, 0.2775

Deuteranopia

52.0223, 0.2732, 0.2668



Tritanopia

52.5338, 0.2613, 0.3080

Trichromacy



Original Color

52.3086, 0.2520, 0.2779

Protanomaly

52.0748, 0.2672, 0.2779

Deuteranomaly

52.1515, 0.2654, 0.2713

Tritanomaly

52.6741, 0.2579, 0.2969

Monochromacy



Original Color

52.3086, 0.2520, 0.2779

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.4885, 0.2871, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3086, 0.2520, 0.2779 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, 197, 238)` looks like.

```
.text, #text, p{  
    color:rgb(147, 197, 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(147, 197, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 197, 238) }
```

Border

The CSS property to change the border of an element to Yxy 52.3086, 0.2520, 0.2779 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, 197, 238) }
```

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

```
.border{ border-color:rgb(147, 197, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 197, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 197, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 197, 238);  
box-shadow:4px 4px 4px 4px rgb(147, 197,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3086, 0.2520, 0.2779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 197, 238) }
```

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

```
.background{ background-color: rgb(147,  
197, 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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