

Converting Colors

$Yxy(54.2147, 0.2489, 0.2601)$

Have a look what the booklet for
Yxy(54.2147, 0.2489, 0.2601)
contains.

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Color

Yxy(54.3206, 0.2489, 0.2604)

Conversions

Conversions Part 1

Format	Color
Hex	9DC5FF
RGB	157, 197, 255
RGB Percent	62%, 77%, 100%
CMY	0.3843, 0.2274, 0.0000
CMYK	0.38, 0.23, 0.00, 0.00
HSL	216°, 100%, 81%
HSV	216°, 38%, 100%
XYZ	51.9216, 54.3206, 102.3622
YIQ	191.6520, -42.4580, 9.5580

Conversions

Conversions Part 2

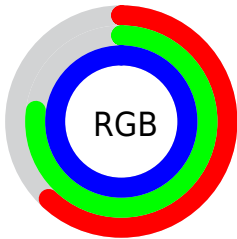
Format	Color
RYB	157, 185, 255
Decimal	10339839
CIELab	78.65, 0.77, -32.74
CIElCh	79, 32.747, 271.341
Yxy	54.3206, 0.2489, 0.2604
Android (android.graphics.Color)	4288529919 (0xFF9DC5FF)
YUV	191.6520, 31.2306, -30.3898
Hunter-Lab	73.7025, -3.2304, -30.7535

Details

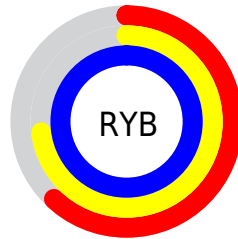
The Yxy color **54.3206, 0.2489, 0.2604** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.2956, 0.3851, 0.3887**, and the grayscale version is **52.3332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3998, 0.2882, 0.3279**, and **26.5469, 0.2334, 0.2430** is the 20% darker color. If you saturate the color by 10%, you get **45.5050, 0.2317, 0.2385**, and if you desaturate by 10%, it is **64.3606, 0.2663, 0.2808**.

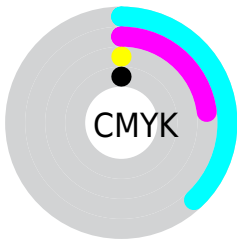
Distribution



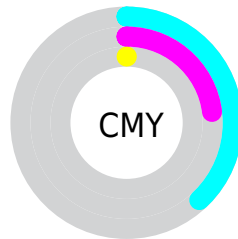
- Red (62%)
- Green (77%)
- Blue (100%)



- Red (62%)
- Yellow (73%)
- Blue (100%)



- Cyan (38%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)




- Cyan (38%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3206, 0.2489, 0.2604 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 54.3206, 0.2489, 0.2604 by changing the saturation by 10% instead.


 54.3206, 0.2489,
0.2604


 54.3206, 0.2489,
0.2604


403.3314, 0.2792,
0.2929

 38.8580, 0.2419,
0.2529

 96.5448, 0.2595,
0.2718

 26.6493, 0.2331,
0.2435


 124.0753, 0.2636,
0.2762

 17.3100, 0.2220,
0.2317

156.3971, 0.2672,
0.2800

 10.4558, 0.2076,
0.2163

193.8948, 0.2702,
0.2833

 5.7022, 0.1881,
0.1955

236.9526, 0.2729,
0.2861

 2.6648, 0.1607,
0.1665

285.9551, 0.2753,

 0.9594, 0.1212,

0.2887

0.1248

341.2865, 0.2774,
0.2909

0.0000, 0.0000,
0.0000

54.3206, 0.2489,
0.2604

54.3206, 0.2489,
0.2604

45.5050, 0.2317,
0.2385

64.3606, 0.2663,
0.2808

37.8557, 0.2152,
0.2156

75.6703, 0.2833,
0.2995

31.3157, 0.2001,
0.1923

88.2981, 0.2996,
0.3163

25.8204, 0.1871,
0.1694

100.0000, 0.3127,
0.3290

21.2961, 0.1767,
0.1477

■ 17.6475, 0.1692,
0.1281

■ 17.1375, 0.1681,
0.1252

Harmonies

Analogous

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



54.3206, 0.2336, 0.2765



54.3206, 0.2489, 0.2604



54.3206, 0.2810, 0.2615

Triad

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



54.3206, 0.2489, 0.2604



54.3206, 0.3942, 0.3399



54.3206, 0.2974, 0.3895

Complementary

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



54.3206, 0.2489, 0.2604



72.2956, 0.3851, 0.3887

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.



54.3206, 0.3406, 0.4072



54.3206, 0.2489, 0.2604



54.3206, 0.3982, 0.3740

Square

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



54.3206, 0.2489, 0.2604



54.3206, 0.3662, 0.3057



54.3206, 0.3779, 0.3998



54.3206, 0.2601, 0.3516

Rectangle

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



54.3206, 0.2489, 0.2604



54.3206, 0.3089, 0.2708



54.3206, 0.3779, 0.3998



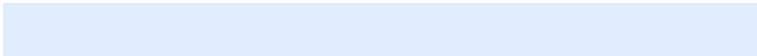
54.3206, 0.3117, 0.3982

Sweetspot

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



54.3221, 0.2489, 0.2604



83.6360, 0.2939, 0.3105



83.5520, 0.2785, 0.3764



17.5456, 0.2918, 0.3083



0.0000, 0.0000, 0.0000



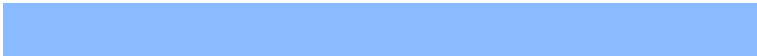
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3221, 0.2489, 0.2604



47.5382, 0.2358, 0.2440



39.3526, 0.2471, 0.2129



18.5952, 0.2979, 0.3145



9.2303, 0.1690, 0.1283



1.1070, 0.1752, 0.1505

Inverse Universe

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



49.4064, 0.3689, 0.2876



42.8783, 0.3854, 0.2796



93.6983, 0.3650, 0.4267



18.1100, 0.3230, 0.3193



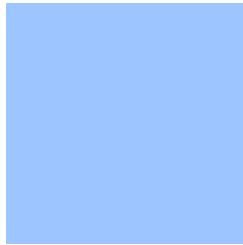
11.6598, 0.5351, 0.2721



1.1563, 0.5052, 0.2557

Previews

White Background



This preview shows how the Yxy color 54.3206, 0.2489, 0.2604 looks on a white background.

Color Contrast Check

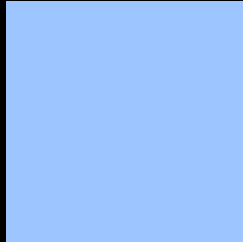
Large Text (above 18pt) WCAG AA × Fail

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 54.3206, 0.2489, 0.2604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

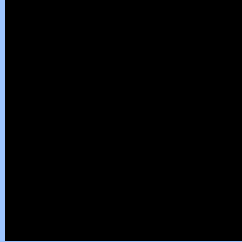
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

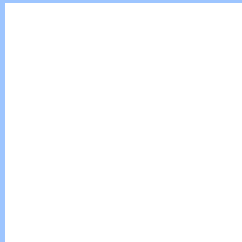
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3206, 0.2489, 0.2604

Background



This preview shows how black text looks on a background with the Yxy color 54.3206, 0.2489, 0.2604.



This preview shows how white text looks on a background with the Yxy color 54.3206, 0.2489, 0.2604.

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

54.3206, 0.2489, 0.2604

Protanopia

54.1293, 0.2631, 0.2608

Deuteranopia

54.0653, 0.2614, 0.2557



Tritanopia

54.1751, 0.2636, 0.3072

Trichromacy



Original Color

54.3206, 0.2489, 0.2604

Protanomaly

54.1579, 0.2578, 0.2612

Deuteranomaly

54.0179, 0.2566, 0.2571

Tritanomaly

54.2358, 0.2578, 0.2891

Monochromacy



Original Color

54.3206, 0.2489, 0.2604

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.0736, 0.2864, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3206, 0.2489, 0.2604 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(157, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 197, 255)  
}
```

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(157, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 197, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.3206, 0.2489, 0.2604 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(157, 197, 255) }
```

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

```
.border{ border-color:rgb(157, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(157, 197,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3206, 0.2489, 0.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 197, 255) }
```

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

```
.background{ background-color: rgb(157,  
197, 255) }
```

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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