

Converting Colors

$Y_{xy}(57.2409, 0.2266, 0.2172)$

Have a look what the booklet for
Yxy(57.2409, 0.2266, 0.2172)
contains.

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Color

Yxy(54.0225, 0.2472, 0.2601)

Conversions

Conversions Part 1

Format	Color
Hex	9AC5FF
RGB	154, 197, 255
RGB Percent	60%, 77%, 100%
CMY	0.3961, 0.2274, 0.0000
CMYK	0.40, 0.23, 0.00, 0.00
HSL	214°, 100%, 80%
HSV	214°, 40%, 100%
XYZ	51.3432, 54.0225, 102.3333
YIQ	190.7550, -44.2460, 8.9220

Conversions

Conversions Part 2

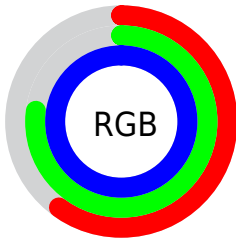
Format	Color
RYB	154, 184, 255
Decimal	10143231
CIELab	78.47, -0.01, -33.02
CIELCh	78, 33.019, 269.984
Yxy	54.0225, 0.2472, 0.2601
Android (android.graphics.Color)	4288333311 (0xFF9AC5FF)
YUV	190.7550, 31.6728, -32.2341
Hunter-Lab	73.5000, -3.9344, -31.0988

Details

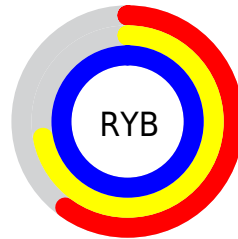
The Yxy color **54.0225, 0.2472, 0.2601** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.6805, 0.3884, 0.3888**, and the grayscale version is **51.7846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9525, 0.2865, 0.3279**, and **26.3188, 0.2308, 0.2424** is the 20% darker color. If you saturate the color by 10%, you get **45.4517, 0.2303, 0.2388**, and if you desaturate by 10%, it is **63.7741, 0.2644, 0.2800**.

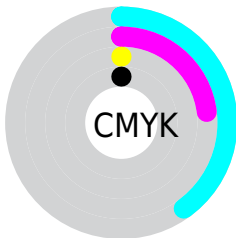
Distribution



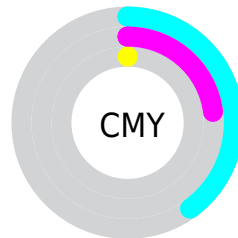
- Red (60%)
- Green (77%)
- Blue (100%)



- Red (60%)
- Yellow (72%)
- Blue (100%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0225, 0.2472, 0.2601 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 54.0225, 0.2472, 0.2601 by changing the saturation by 10% instead.


 54.0225, 0.2472,
0.2601


 54.0225, 0.2472,
0.2601


402.1958, 0.2783,
0.2928

 38.6197, 0.2400,
0.2525


 96.1073, 0.2581,
0.2716

 26.4640, 0.2310,
0.2431


 123.5580, 0.2623,
0.2760

 17.1711, 0.2197,
0.2312


155.7935, 0.2659,
0.2798

 10.3565, 0.2049,
0.2156

193.1981, 0.2691,
0.2831

 5.6360, 0.1849,
0.1946

236.1562, 0.2718,
0.2860

 2.6250, 0.1571,
0.1653

285.0523, 0.2742,

 0.9393, 0.1171,

0.2885

0.1232

340.2707, 0.2764,
0.2908

0.0000, 0.0000,
0.0000

54.0225, 0.2472,
0.2601

54.0225, 0.2472,
0.2601

45.4517, 0.2303,
0.2388

63.7741, 0.2644,
0.2800

38.0043, 0.2141,
0.2165

74.7500, 0.2814,
0.2983

31.6251, 0.1995,
0.1938

86.9973, 0.2977,
0.3148

26.2506, 0.1870,
0.1715

100.0000, 0.3127,
0.3290

21.8080, 0.1771,
0.1505

■ 18.1942, 0.1699,
0.1313

■ 18.0650, 0.1696,
0.1305

Harmonies

Analogous

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



54.0225, 0.2327, 0.2772



54.0225, 0.2472, 0.2601



54.0225, 0.2789, 0.2604

Triad

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



54.0225, 0.2472, 0.2601



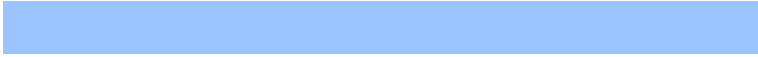
54.0225, 0.3942, 0.3384



54.0225, 0.2991, 0.3915

Complementary

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



54.0225, 0.2472, 0.2601



70.6805, 0.3884, 0.3888

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.



54.0225, 0.3427, 0.4082



54.0225, 0.2472, 0.2601



54.0225, 0.3994, 0.3730

Square

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



54.0225, 0.2472, 0.2601



54.0225, 0.3650, 0.3040



54.0225, 0.3799, 0.3996



54.0225, 0.2610, 0.3538

Rectangle

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



54.0225, 0.2472, 0.2601



54.0225, 0.3068, 0.2694



54.0225, 0.3799, 0.3996



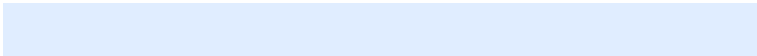
54.0225, 0.3136, 0.3999

Sweetspot

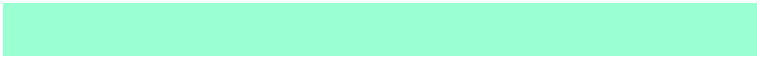
The Sweet Spot groups the original color and five complimentary colors.



54.0242, 0.2472, 0.2601



83.9478, 0.2939, 0.3110



83.1053, 0.2785, 0.3802



17.6188, 0.2918, 0.3089



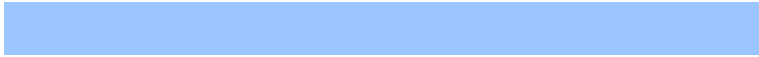
0.0000, 0.0000, 0.0000



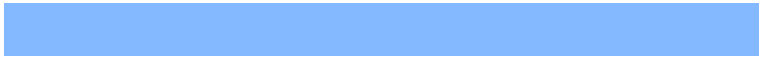
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0242, 0.2472, 0.2601



46.7515, 0.2329, 0.2423



37.8821, 0.2435, 0.2085



18.6492, 0.2979, 0.3150



9.7208, 0.1704, 0.1336



1.1577, 0.1766, 0.1556

Inverse Universe

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



48.4037, 0.3696, 0.2845



41.4164, 0.3877, 0.2754



93.8585, 0.3676, 0.4291



18.1154, 0.3227, 0.3189



11.7093, 0.5278, 0.2681



1.1614, 0.4987, 0.2521

Previews

White Background



This preview shows how the Yxy color 54.0225, 0.2472, 0.2601 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 54.0225, 0.2472, 0.2601 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

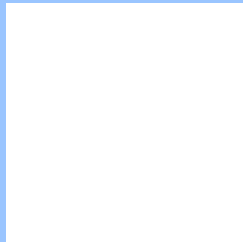
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0225, 0.2472, 0.2601

Background



This preview shows how black text looks on a background with the Yxy color 54.0225, 0.2472, 0.2601.



This preview shows how white text looks on a background with the Yxy color 54.0225, 0.2472, 0.2601.

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

54.0225, 0.2472, 0.2601

Protanopia

53.6916, 0.2630, 0.2596

Deuteranopia

53.9466, 0.2607, 0.2555



Tritanopia

53.8989, 0.2618, 0.3070

Trichromacy



Original Color

54.0225, 0.2472, 0.2601

Protanomaly

53.6032, 0.2570, 0.2599

Deuteranomaly

53.7949, 0.2553, 0.2568

Tritanomaly

53.9524, 0.2560, 0.2889

Monochromacy



Original Color

54.0225, 0.2472, 0.2601

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.4599, 0.2863, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0225, 0.2472, 0.2601 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(154, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 197, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.0225, 0.2472, 0.2601 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(154, 197, 255) }
```

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

```
.border{ border-color:rgb(154, 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(154, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 197, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 197, 255); box-shadow:4px 4px 4px 4px rgb(154, 197, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0225, 0.2472, 0.2601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 197, 255) }
```

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

```
.background{ background-color: rgb(154,  
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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