

Converting Colors

$Yxy(55.6974, 0.2423, 0.2541)$

Have a look what the booklet for
Yxy(55.6974, 0.2423, 0.2541)
contains.

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Color

Yxy(55.2040, 0.2467, 0.2636)

Conversions

Conversions Part 1

Format	Color
Hex	98C8FF
RGB	152, 200, 255
RGB Percent	60%, 78%, 100%
CMY	0.4036, 0.2157, 0.0000
CMYK	0.40, 0.22, 0.00, 0.00
HSL	212°, 100%, 80%
HSV	212°, 40%, 100%
XYZ	51.6647, 55.2040, 102.5546
YIQ	191.9180, -46.2630, 6.9290

Conversions

Conversions Part 2

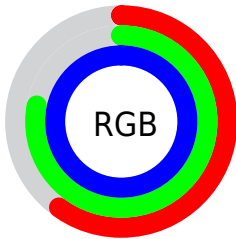
Format	Color
RYB	152, 185, 255
Decimal	10012927
CIELab	79.16, -2.11, -31.98
CIElCh	79, 32.051, 266.228
Yxy	55.2040, 0.2467, 0.2636
Android (android.graphics.Color)	4288203007 (0xFF98C8FF)
YUV	191.9180, 31.0994, -35.0081
Hunter-Lab	74.2994, -5.9024, -29.8277

Details

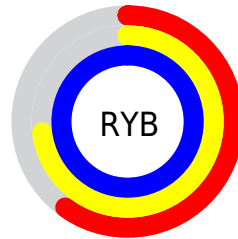
The Yxy color **55.2040, 0.2467, 0.2636** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.1960, 0.3919, 0.3860**, and the grayscale version is **52.5054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **27.1218, 0.2305, 0.2471** is the 20% darker color. If you saturate the color by 10%, you get **46.9680, 0.2303, 0.2438**, and if you desaturate by 10%, it is **64.5335, 0.2635, 0.2822**.

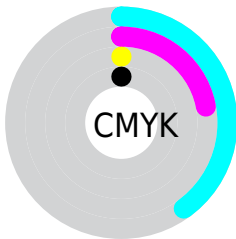
Distribution



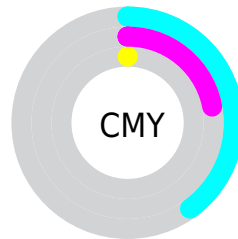
- Red (60%)
- Green (78%)
- Blue (100%)



- Red (60%)
- Yellow (73%)
- Blue (100%)



- Cyan (40%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2040, 0.2467, 0.2636 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 55.2040, 0.2467, 0.2636 by changing the saturation by 10% instead.

■ 55.2040, 0.2467,
0.2636

■ 55.2040, 0.2467,
0.2636

■ 406.6848, 0.2779,
0.2947

■ 39.5651, 0.2395,
0.2564

■ 97.8398, 0.2576,
0.2745

■ 27.1996, 0.2306,
0.2474

■ 125.6054, 0.2618,
0.2787

■ 17.7232, 0.2193,
0.2360

■ 158.1821, 0.2655,
0.2824

■ 10.7514, 0.2046,
0.2211

■ 195.9542, 0.2686,
0.2855

■ 5.8999, 0.1848,
0.2009

■ 239.3061, 0.2714,
0.2882

■ 2.7843, 0.1573,
0.1726

■ 288.6223, 0.2738,

■ 1.0202, 0.1178,

0.2907

0.1315

344.2870, 0.2760,
0.2928

0.0000, 0.0000,
0.0000

55.2040, 0.2467,
0.2636

55.2040, 0.2467,
0.2636

46.9680, 0.2303,
0.2438

64.5335, 0.2635,
0.2822

39.7741, 0.2148,
0.2230

74.9992, 0.2802,
0.2993

33.5696, 0.2009,
0.2019

86.6441, 0.2965,
0.3147

28.2948, 0.1891,
0.1809

99.5082, 0.3122,
0.3285

23.8808, 0.1798,
0.1610

100.0000, 0.3127,
0.3290

■ 20.3443, 0.1731,
0.1431

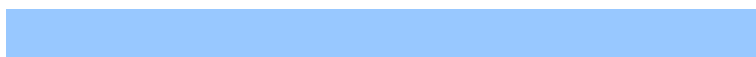
Harmonies

Analogous

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



55.2040, 0.2349, 0.2823



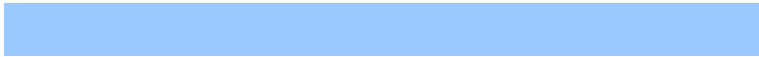
55.2040, 0.2467, 0.2636



55.2040, 0.2755, 0.2618

Triad

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



55.2040, 0.2467, 0.2636



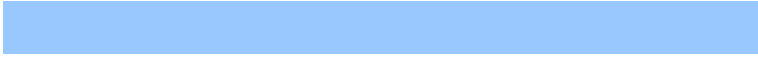
55.2040, 0.3889, 0.3339



55.2040, 0.3049, 0.3924

Complementary

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



55.2040, 0.2467, 0.2636



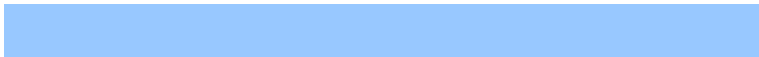
68.1960, 0.3919, 0.3860

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.



55.2040, 0.3468, 0.4055



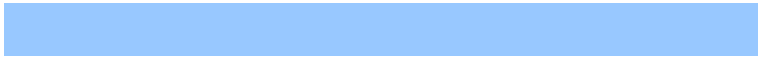
55.2040, 0.2467, 0.2636



55.2040, 0.3970, 0.3677

Square

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



55.2040, 0.2467, 0.2636



55.2040, 0.3584, 0.3010



55.2040, 0.3810, 0.3947



55.2040, 0.2668, 0.3581

Rectangle

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



55.2040, 0.2467, 0.2636



55.2040, 0.3018, 0.2693



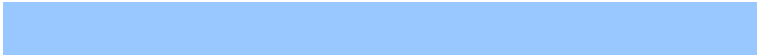
55.2040, 0.3810, 0.3947



55.2040, 0.3190, 0.3995

Sweetspot

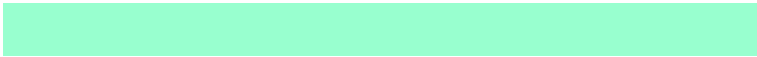
The Sweet Spot groups the original color and five complimentary colors.



55.2049, 0.2467, 0.2636



84.6566, 0.2939, 0.3123



82.7057, 0.2796, 0.3856



17.7853, 0.2918, 0.3103



0.0000, 0.0000, 0.0000



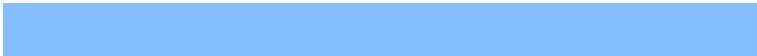
21.4041, 0.3127, 0.3290

Same Dimension

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



55.2049, 0.2467, 0.2636



48.8192, 0.2341, 0.2486



36.7182, 0.2396, 0.2051



18.7717, 0.2979, 0.3160



10.9225, 0.1739, 0.1460



1.2796, 0.1799, 0.1674

Inverse Universe

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



47.9093, 0.3670, 0.2795



41.6251, 0.3823, 0.2705



94.4044, 0.3710, 0.4301



18.1278, 0.3221, 0.3180



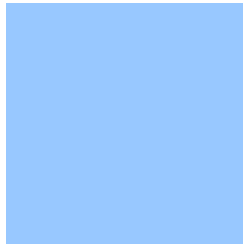
11.8306, 0.5111, 0.2589



1.1737, 0.4838, 0.2439

Previews

White Background



This preview shows how the Yxy color 55.2040, 0.2467, 0.2636 looks on a white background.

Color Contrast Check

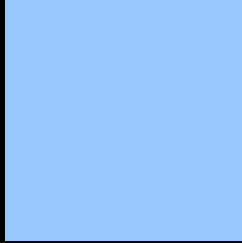
Large Text (above 18pt) WCAG AA × Fail

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 55.2040, 0.2467, 0.2636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

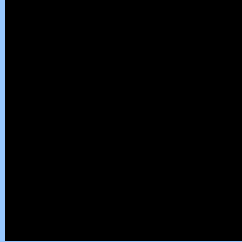
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

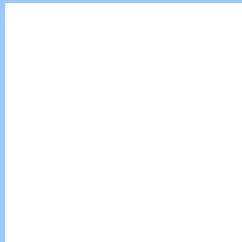
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2040, 0.2467, 0.2636

Background



This preview shows how black text looks on a background with the Yxy color 55.2040, 0.2467, 0.2636.



This preview shows how white text looks on a background with the Yxy color 55.2040, 0.2467, 0.2636.

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

55.2040, 0.2467, 0.2636

Protanopia

54.8658, 0.2658, 0.2633

Deuteranopia

54.8644, 0.2634, 0.2572



Tritanopia

55.3458, 0.2606, 0.3085

Trichromacy



Original Color

55.2040, 0.2467, 0.2636

Protanomaly

55.0542, 0.2581, 0.2636

Deuteranomaly

54.9081, 0.2569, 0.2595

Tritanomaly

55.3293, 0.2554, 0.2916

Monochromacy



Original Color

55.2040, 0.2467, 0.2636

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.2836, 0.2850, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2040, 0.2467, 0.2636 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(152, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 200, 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(152, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.2040, 0.2467, 0.2636 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(152, 200, 255) }
```

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

```
.border{ border-color:rgb(152, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2040, 0.2467, 0.2636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 200, 255) }
```

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

```
.background{ background-color: rgb(152,  
200, 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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