

Converting Colors

$Yxy(54.7442, 0.2465, 0.2624)$

Have a look what the booklet for
Yxy(54.7442, 0.2465, 0.2624)
contains.

Yxy(54.7422, 0.2465, 0.2624)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.7422, 0.2465, 0.2624)

Conversions

Conversions Part 1

Format	Color
Hex	98C7FF
RGB	152, 199, 255
RGB Percent	60%, 78%, 100%
CMY	0.4038, 0.2196, 0.0000
CMYK	0.40, 0.22, 0.00, 0.00
HSL	213°, 100%, 80%
HSV	213°, 40%, 100%
XYZ	51.4251, 54.7422, 102.4539
YIQ	191.3310, -45.9880, 7.4520

Conversions

Conversions Part 2

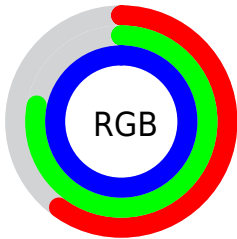
Format	Color
RYB	152, 184, 255
Decimal	10012671
CIELab	78.89, -1.59, -32.38
CIElCh	79, 32.415, 267.183
Yxy	54.7422, 0.2465, 0.2624
Android (android.graphics.Color)	4288202751 (0xFF98C7FF)
YUV	191.3310, 31.3888, -34.4933
Hunter-Lab	73.9880, -5.4130, -30.3095

Details

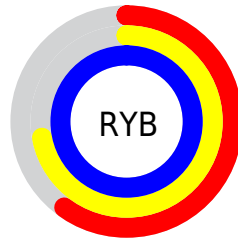
The Yxy color **54.7422, 0.2465, 0.2624** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.6510, 0.3915, 0.3869**, and the grayscale version is **52.1414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **26.8148, 0.2302, 0.2455** is the 20% darker color. If you saturate the color by 10%, you get **46.4486, 0.2300, 0.2422**, and if you desaturate by 10%, it is **64.1504, 0.2634, 0.2813**.

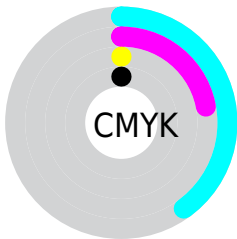
Distribution



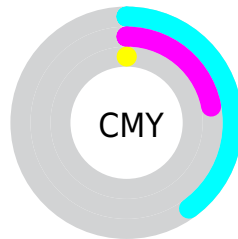
- Red (60%)
- Green (78%)
- Blue (100%)



- Red (60%)
- Yellow (72%)
- 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 54.7422, 0.2465, 0.2624 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 54.7422, 0.2465, 0.2624 by changing the saturation by 10% instead.

■ 54.7422, 0.2465,
0.2624

■ 54.7422, 0.2465,
0.2624

404.9340, 0.2779,
0.2941

■ 39.1954, 0.2392,
0.2550

■ 97.1631, 0.2575,
0.2735

■ 26.9117, 0.2303,
0.2459

■ 124.8060, 0.2617,
0.2778

■ 17.5069, 0.2189,
0.2343

157.2497, 0.2654,
0.2815

■ 10.5966, 0.2041,
0.2191

194.8786, 0.2685,
0.2847

■ 5.7963, 0.1842,
0.1987

238.0771, 0.2713,
0.2875

■ 2.7216, 0.1565,
0.1700

287.2295, 0.2737,

■ 0.9882, 0.1167,

0.2899

0.1284

342.7203, 0.2759,
0.2921

0.0000, 0.0000,
0.0000

54.7422, 0.2465,
0.2624

54.7422, 0.2465,
0.2624

46.4486, 0.2300,
0.2422

64.1504, 0.2634,
0.2813

39.2136, 0.2144,
0.2210

74.7130, 0.2802,
0.2987

32.9851, 0.2003,
0.1995

86.4752, 0.2965,
0.3144

27.7024, 0.1884,
0.1783

99.4775, 0.3121,
0.3285

23.2954, 0.1790,
0.1581

99.9993, 0.3127,
0.3290

■ 19.7827, 0.1723,
0.1401

Harmonies

Analogous

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



54.7422, 0.2339, 0.2808



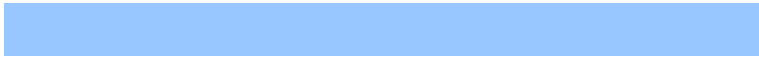
54.7422, 0.2465, 0.2624



54.7422, 0.2761, 0.2611

Triad

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



54.7422, 0.2465, 0.2624



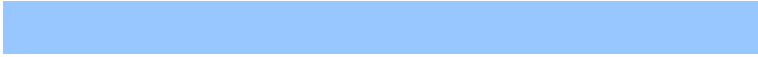
54.7422, 0.3906, 0.3350



54.7422, 0.3034, 0.3926

Complementary

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



54.7422, 0.2465, 0.2624



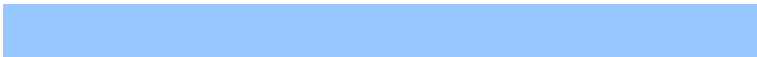
68.6510, 0.3915, 0.3869

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.



54.7422, 0.3460, 0.4066



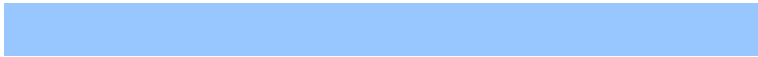
54.7422, 0.2465, 0.2624



54.7422, 0.3981, 0.3692

Square

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



54.7422, 0.2465, 0.2624



54.7422, 0.3603, 0.3016



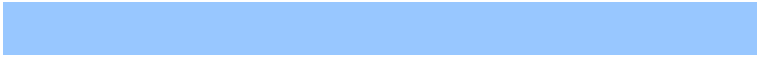
54.7422, 0.3811, 0.3963



54.7422, 0.2651, 0.3572

Rectangle

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



54.7422, 0.2465, 0.2624



54.7422, 0.3030, 0.2691



54.7422, 0.3811, 0.3963



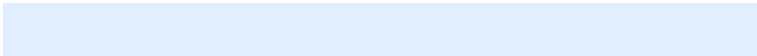
54.7422, 0.3177, 0.4000

Sweetspot

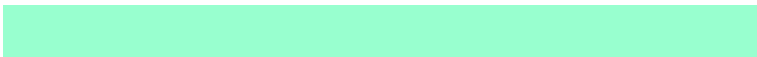
The Sweet Spot groups the original color and five complimentary colors.



54.7443, 0.2465, 0.2624



84.4892, 0.2939, 0.3120



82.6945, 0.2796, 0.3856



17.7460, 0.2918, 0.3100



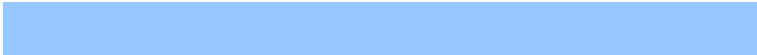
0.0000, 0.0000, 0.0000



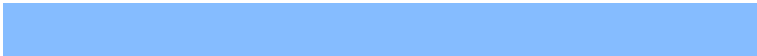
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7443, 0.2465, 0.2624



48.3258, 0.2338, 0.2471



36.7023, 0.2396, 0.2050



18.7428, 0.2979, 0.3157



10.6278, 0.1731, 0.1430



1.2500, 0.1791, 0.1646

Inverse Universe

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



47.8495, 0.3680, 0.2805



41.5753, 0.3836, 0.2717



94.3945, 0.3710, 0.4301



18.1249, 0.3222, 0.3182



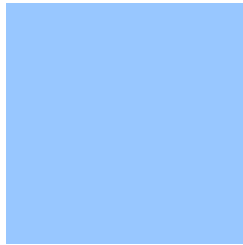
11.8008, 0.5150, 0.2611



1.1707, 0.4873, 0.2458

Previews

White Background



This preview shows how the Yxy color 54.7422, 0.2465, 0.2624 looks on a white background.

Color Contrast Check

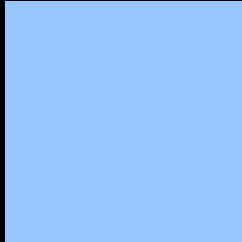
Large Text (above 18pt) WCAG AA × Fail

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 54.7422, 0.2465, 0.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

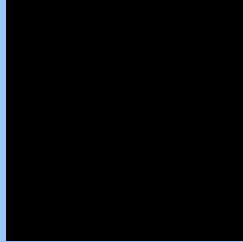
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

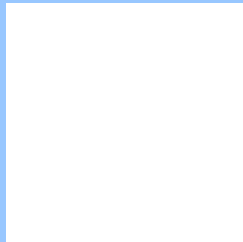
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7422, 0.2465, 0.2624

Background



This preview shows how black text looks on a background with the Yxy color 54.7422, 0.2465, 0.2624.



This preview shows how white text looks on a background with the Yxy color 54.7422, 0.2465, 0.2624.

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

54.7422, 0.2465, 0.2624

Protanopia

54.7454, 0.2651, 0.2632

Deuteranopia

54.6226, 0.2621, 0.2570



Tritanopia

54.7227, 0.2604, 0.3084

Trichromacy



Original Color

54.7422, 0.2465, 0.2624

Protanomaly

54.6045, 0.2579, 0.2624

Deuteranomaly

54.7963, 0.2563, 0.2594

Tritanomaly

54.7061, 0.2552, 0.2914

Monochromacy



Original Color

54.7422, 0.2465, 0.2624

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.7857, 0.2856, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7422, 0.2465, 0.2624 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, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 199, 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, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 199, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.7422, 0.2465, 0.2624 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, 199, 255) }
```

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

```
.border{ border-color:rgb(152, 199, 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, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 199,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7422, 0.2465, 0.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 199, 255) }
```

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

```
.background{ background-color: rgb(152,  
199, 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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