

Converting Colors

$Y_{xy}(52.6255, 0.2456, 0.2566)$

Have a look what the booklet for
Yxy(52.6255, 0.2456, 0.2566)
contains.

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Color

Yxy(52.4790, 0.2455, 0.2562)

Conversions

Conversions Part 1

Format	Color
Hex	98C2FF
RGB	152, 194, 255
RGB Percent	60%, 76%, 100%
CMY	0.4039, 0.2392, 0.0001
CMYK	0.40, 0.24, 0.00, 0.00
HSL	216°, 100%, 80%
HSV	216°, 40%, 100%
XYZ	50.2873, 52.4790, 102.0698
YIQ	188.3960, -44.6130, 10.0670

Conversions

Conversions Part 2

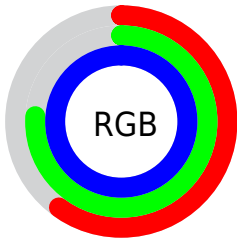
Format	Color
R _Y B	152, 182, 255
Decimal	10011391
CIE Lab	77.57, 1.10, -34.42
CIE LCh	78, 34.434, 271.823
Yxy	52.4790, 0.2455, 0.2562
Android (android.graphics.Color)	4288201471 (0xFF98C2FF)
YUV	188.3960, 32.8358, -31.9193
Hunter-Lab	72.4424, -2.8650, -32.8287

Details

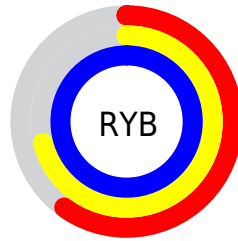
The Yxy color **52.4790, 0.2455, 0.2562** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.0977, 0.3895, 0.3917**, and the grayscale version is **50.3555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1465, 0.2852, 0.3238**, and **25.6138, 0.2289, 0.2389** is the 20% darker color. If you saturate the color by 10%, you get **43.8970, 0.2284, 0.2341**, and if you desaturate by 10%, it is **62.2765, 0.2629, 0.2769**.

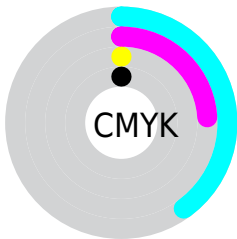
Distribution



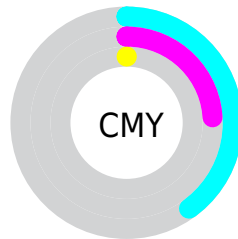
- Red (60%)
- Green (76%)
- Blue (100%)



- Red (60%)
- Yellow (71%)
- Blue (100%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4790, 0.2455, 0.2562 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 52.4790, 0.2455, 0.2562 by changing the saturation by 10% instead.

■ 52.4790, 0.2455,
0.2562

■ 52.4790, 0.2455,
0.2562

396.2830, 0.2776,
0.2908

■ 37.3870, 0.2380,
0.2482

■ 93.8373, 0.2568,
0.2683

■ 25.5073, 0.2288,
0.2382

■ 120.8724, 0.2611,
0.2730

■ 16.4554, 0.2170,
0.2256

152.6573, 0.2648,
0.2770

■ 9.8470, 0.2017,
0.2092

189.5764, 0.2681,
0.2805

■ 5.2976, 0.1810,
0.1872

232.0142, 0.2709,
0.2836

■ 2.4229, 0.1522,
0.1565

280.3549, 0.2734,

■ 0.8376, 0.1110,

0.2863

0.1130

334.9831, 0.2756,
0.2887

0.0000, 0.0000,
0.0000

52.4790, 0.2455,
0.2562

52.4790, 0.2455,
0.2562

43.8970, 0.2284,
0.2341

62.2765, 0.2629,
0.2769

36.4700, 0.2121,
0.2110

73.3340, 0.2800,
0.2959

30.1406, 0.1974,
0.1877

85.7011, 0.2965,
0.3131

24.8425, 0.1848,
0.1650

99.4223, 0.3121,
0.3284

20.4998, 0.1750,
0.1436

99.9988, 0.3127,
0.3290

■ 17.1221, 0.1681,
0.1252

Harmonies

Analogous

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



52.4790, 0.2291, 0.2727



52.4790, 0.2455, 0.2562



52.4790, 0.2796, 0.2577

Triad

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



52.4790, 0.2455, 0.2562



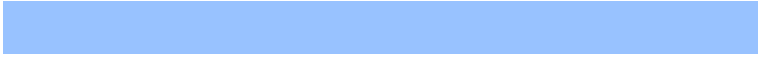
52.4790, 0.3997, 0.3409



52.4790, 0.2955, 0.3932

Complementary

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



52.4790, 0.2455, 0.2562



71.0977, 0.3895, 0.3917

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.



52.4790, 0.3413, 0.4123



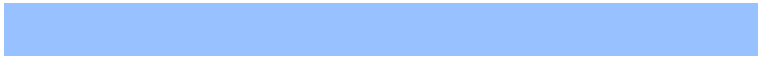
52.4790, 0.2455, 0.2562



52.4790, 0.4034, 0.3770

Square

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



52.4790, 0.2455, 0.2562



52.4790, 0.3703, 0.3047



52.4790, 0.3812, 0.4044



52.4790, 0.2562, 0.3523

Rectangle

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



52.4790, 0.2455, 0.2562



52.4790, 0.3093, 0.2678



52.4790, 0.3812, 0.4044



52.4790, 0.3107, 0.4026

Sweetspot

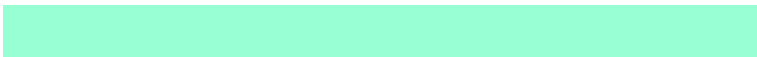
The Sweet Spot groups the original color and five complimentary colors.



52.4810, 0.2455, 0.2562



83.6316, 0.2939, 0.3105



82.9402, 0.2771, 0.3793



17.5446, 0.2918, 0.3083



0.0000, 0.0000, 0.0000



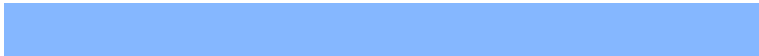
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4810, 0.2455, 0.2562



45.8475, 0.2324, 0.2395



37.2083, 0.2431, 0.2061



18.5945, 0.2979, 0.3145



9.2236, 0.1690, 0.1282



1.1063, 0.1751, 0.1505

Inverse Universe

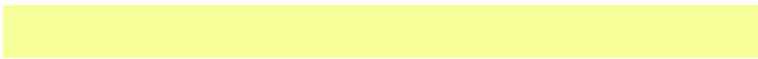
The Inverse Universe completely reimagines the original color for something new.



47.6077, 0.3730, 0.2855



41.3251, 0.3901, 0.2776



93.4399, 0.3674, 0.4315



18.1099, 0.3230, 0.3193



11.6591, 0.5352, 0.2722



1.1562, 0.5053, 0.2557

Previews

White Background



This preview shows how the Yxy color 52.4790, 0.2455, 0.2562 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 52.4790, 0.2455, 0.2562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

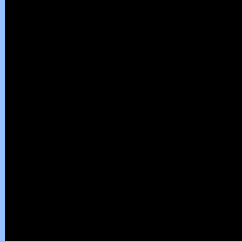
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

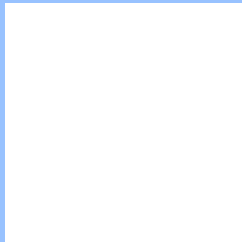
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4790, 0.2455, 0.2562

Background



This preview shows how black text looks on a background with the Yxy color 52.4790, 0.2455, 0.2562.



This preview shows how white text looks on a background with the Yxy color 52.4790, 0.2455, 0.2562.

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

52.4790, 0.2455, 0.2562

Protanopia

52.3589, 0.2601, 0.2567

Deuteranopia

52.1851, 0.2577, 0.2515



Tritanopia

52.5338, 0.2613, 0.3080

Trichromacy



Original Color

52.4790, 0.2455, 0.2562

Protanomaly

52.3969, 0.2548, 0.2571

Deuteranomaly

52.1539, 0.2530, 0.2528

Tritanomaly

52.2687, 0.2554, 0.2872

Monochromacy



Original Color

52.4790, 0.2455, 0.2562

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6943, 0.2852, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4790, 0.2455, 0.2562 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, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 194, 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, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.4790, 0.2455, 0.2562 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, 194, 255) }
```

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

```
.border{ border-color:rgb(152, 194, 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, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4790, 0.2455, 0.2562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 194, 255) }
```

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

```
.background{ background-color: rgb(152,  
194, 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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