

Converting Colors

$Yxy(54.7495, 0.2567, 0.2591)$

Have a look what the booklet for
Yxy(54.7495, 0.2567, 0.2591)
contains.

Yxy(54.9081, 0.2569, 0.2595)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.9081, 0.2569, 0.2595)

Conversions

Conversions Part 1

Format	Color
Hex	ABC3FF
RGB	171, 195, 255
RGB Percent	67%, 76%, 100%
CMY	0.3294, 0.2353, 0.0001
CMYK	0.33, 0.24, 0.00, 0.00
HSL	223°, 100%, 84%
HSV	223°, 33%, 100%
XYZ	54.3580, 54.9081, 102.3258
YIQ	194.6640, -33.5640, 13.5720

Conversions

Conversions Part 2

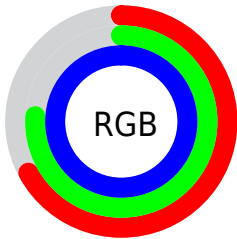
Format	Color
RYB	171, 190, 255
Decimal	11256831
CIELab	78.99, 5.60, -32.13
CIElCh	79, 32.613, 279.881
Yxy	54.9081, 0.2569, 0.2595
Android (android.graphics.Color)	4289446911 (0xFFABC3FF)
YUV	194.6640, 29.7456, -20.7533
Hunter-Lab	74.1000, 1.2683, -30.0045

Details

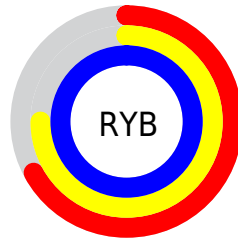
The Yxy color **54.9081, 0.2569, 0.2595** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.3410, 0.3698, 0.3898**, and the grayscale version is **54.1994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7083, 0.2963, 0.3250**, and **27.1362, 0.2429, 0.2435** is the 20% darker color. If you saturate the color by 10%, you get **44.6478, 0.2383, 0.2338**, and if you desaturate by 10%, it is **66.7203, 0.2750, 0.2832**.

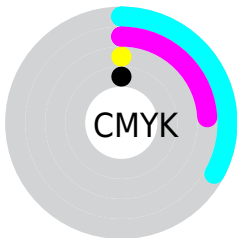
Distribution



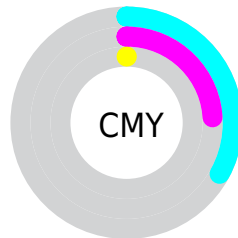
- Red (67%)
- Green (76%)
- Blue (100%)



- Red (67%)
- Yellow (75%)
- Blue (100%)



- Cyan (33%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9081, 0.2569, 0.2595 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 54.9081, 0.2569, 0.2595 by changing the saturation by 10% instead.

■ 54.9081, 0.2569,
0.2595

■ 54.9081, 0.2569,
0.2595

405.5635, 0.2836,
0.2922

■ 39.3281, 0.2507,
0.2520

■ 97.4063, 0.2663,
0.2709

■ 27.0151, 0.2429,
0.2427

125.0933, 0.2699,
0.2753

■ 17.5846, 0.2330,
0.2310

157.5848, 0.2730,
0.2791

■ 10.6521, 0.2200,
0.2159

195.2652, 0.2757,
0.2824

■ 5.8334, 0.2024,
0.1955

238.5189, 0.2780,
0.2853

■ 2.7441, 0.1773,
0.1672

287.7302, 0.2801,

■ 0.9996, 0.1401,

0.2878

0.1266

343.2836, 0.2819,
0.2901

0.0000, 0.0112,
0.0000

0.0000, 0.0000,
0.0000

54.9081, 0.2569,
0.2595

54.9081, 0.2569,
0.2595

44.6478, 0.2383,
0.2338

66.7203, 0.2750,
0.2832

35.8655, 0.2197,
0.2067

80.1412, 0.2923,
0.3047

28.4903, 0.2021,
0.1791

95.2324, 0.3083,
0.3238

22.4427, 0.1864,
0.1523

99.9989, 0.3127,
0.3290

■ 17.6337, 0.1735,
0.1274

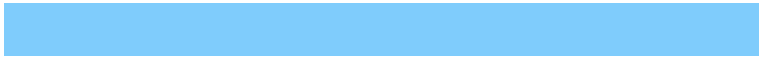
■ 13.9610, 0.1640,
0.1060

■ 11.9665, 0.1593,
0.0933

Harmonies

Analogous

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



54.9081, 0.2366, 0.2706



54.9081, 0.2569, 0.2595



54.9081, 0.2926, 0.2651

Triad

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



54.9081, 0.2569, 0.2595



54.9081, 0.3973, 0.3498



54.9081, 0.2859, 0.3798

Complementary

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



54.9081, 0.2569, 0.2595



81.3410, 0.3698, 0.3898

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.



54.9081, 0.3282, 0.4042



54.9081, 0.2569, 0.2595



54.9081, 0.3940, 0.3823

Square

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



54.9081, 0.2569, 0.2595



54.9081, 0.3757, 0.3151



54.9081, 0.3681, 0.4036



54.9081, 0.2523, 0.3392

Rectangle

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



54.9081, 0.2569, 0.2595



54.9081, 0.3216, 0.2770



54.9081, 0.3681, 0.4036



54.9081, 0.2996, 0.3904

Sweetspot

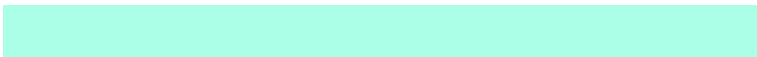
The Sweet Spot groups the original color and five complimentary colors.



54.9102, 0.2569, 0.2595



84.4056, 0.2971, 0.3105



85.8694, 0.2778, 0.3571



17.6264, 0.2948, 0.3078



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.



54.9102, 0.2569, 0.2595



47.5091, 0.2437, 0.2415



47.0139, 0.2650, 0.2337



18.2230, 0.2979, 0.3115



6.4722, 0.1600, 0.0961



0.8070, 0.1661, 0.1177

Inverse Universe

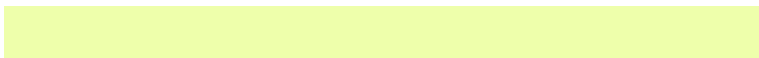
The Inverse Universe completely reimagines the original color for something new.



54.3258, 0.3675, 0.3041



47.4260, 0.3847, 0.2987



92.6595, 0.3511, 0.4148



18.0724, 0.3249, 0.3222



11.3813, 0.5818, 0.2979



1.1260, 0.5498, 0.2803

Previews

White Background



This preview shows how the Yxy color 54.9081, 0.2569, 0.2595 looks on a white background.

Color Contrast Check

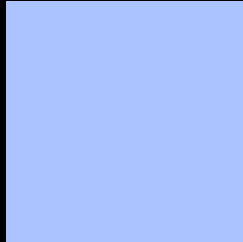
Large Text (above 18pt) WCAG AA × Fail

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 54.9081, 0.2569, 0.2595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

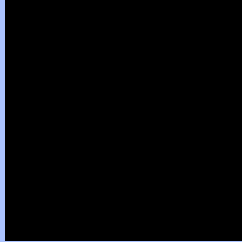
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

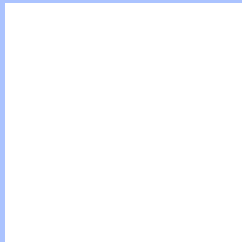
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9081, 0.2569, 0.2595

Background



This preview shows how black text looks on a background with the Yxy color 54.9081, 0.2569, 0.2595.



This preview shows how white text looks on a background with the Yxy color 54.9081, 0.2569, 0.2595.

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

54.9081, 0.2569, 0.2595

Protanopia

54.8155, 0.2628, 0.2600

Deuteranopia

54.8644, 0.2634, 0.2572



Tritanopia

55.0895, 0.2741, 0.3089

Trichromacy



Original Color

54.9081, 0.2569, 0.2595

Protanomaly

54.9694, 0.2604, 0.2599

Deuteranomaly

54.8249, 0.2610, 0.2579

Tritanomaly

54.7234, 0.2679, 0.2899

Monochromacy



Original Color

54.9081, 0.2569, 0.2595

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4791, 0.2902, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9081, 0.2569, 0.2595 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(171, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 195, 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(171, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 195, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.9081, 0.2569, 0.2595 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(171, 195, 255) }
```

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

```
.border{ border-color:rgb(171, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 195,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9081, 0.2569, 0.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 195, 255) }
```

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

```
.background{ background-color: rgb(171,  
195, 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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