

Converting Colors

$Yxy(54.6239, 0.2667, 0.2770)$

Have a look what the booklet for
Yxy(54.6239, 0.2667, 0.2770)
contains.

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Color

Yxy(54.6554, 0.2668, 0.2766)

Conversions

Conversions Part 1

Format	Color
Hex	ADC4F0
RGB	173, 196, 240
RGB Percent	68%, 77%, 94%
CMY	0.3212, 0.2315, 0.0587
CMYK	0.28, 0.18, 0.00, 0.06
HSL	219°, 69%, 81%
HSV	219°, 28%, 94%
XYZ	52.7189, 54.6554, 90.2229
YIQ	194.1390, -27.8320, 8.8080

Conversions

Conversions Part 2

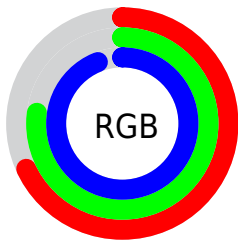
Format	Color
RYB	173, 190, 240
Decimal	11388144
CIELab	78.84, 2.01, -24.33
CIElCh	79, 24.414, 274.726
Yxy	54.6554, 0.2668, 0.2766
Android (android.graphics.Color)	4289578224 (0xFFADC4F0)
YUV	194.1390, 22.6095, -18.5389
Hunter-Lab	73.9293, -2.0880, -20.6067

Details

The Yxy color **54.6554, 0.2668, 0.2766** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.2452, 0.3610, 0.3763**, and the grayscale version is **53.9217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1286, 0.2970, 0.3270**, and **26.7286, 0.2547, 0.2626** is the 20% darker color. If you saturate the color by 10%, you get **45.4073, 0.2489, 0.2540**, and if you desaturate by 10%, it is **65.1495, 0.2841, 0.2973**.

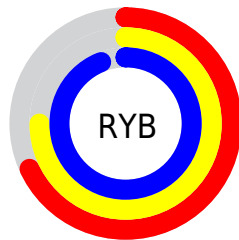
Distribution



Red (68%)

Green (77%)

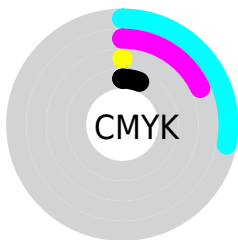
Blue (94%)



Red (68%)

Yellow (75%)

Blue (94%)

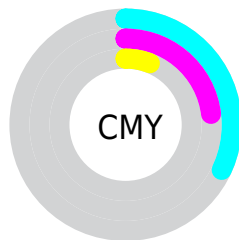


Cyan (28%)

Magenta (18%)

Yellow (0%)

Black (6%)



Cyan (32%)

Magenta (23%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6554, 0.2668, 0.2766 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 54.6554, 0.2668, 0.2766 by changing the saturation by 10% instead.

■ 54.6554, 0.2668,
0.2766

■ 54.6554, 0.2668,
0.2766

404.6043, 0.2889,
0.3016

■ 39.1259, 0.2616,
0.2707

■ 97.0359, 0.2746,
0.2854

■ 26.8577, 0.2551,
0.2634

124.6556, 0.2776,
0.2888

■ 17.4664, 0.2467,
0.2540

157.0743, 0.2801,
0.2917

■ 10.5676, 0.2355,
0.2416

194.6762, 0.2824,
0.2942

■ 5.7769, 0.2201,
0.2245

237.8457, 0.2843,
0.2964

■ 2.7099, 0.1975,
0.1996

286.9674, 0.2860,

■ 0.9822, 0.1620,

0.2984

0.1612

342.4254, 0.2875,
0.3001

0.0000, 0.0000,
0.0000

54.6554, 0.2668,
0.2766

54.6554, 0.2668,
0.2766

45.4073, 0.2489,
0.2540

65.1495, 0.2841,
0.2973

37.3494, 0.2309,
0.2297

76.9297, 0.3005,
0.3158

30.4307, 0.2135,
0.2044

90.0419, 0.3159,
0.3323

24.5937, 0.1975,
0.1788

99.0724, 0.3214,
0.3434

19.7750, 0.1836,
0.1540

■ 15.9027, 0.1725,
0.1312

■ 12.8875, 0.1646,
0.1112

■ 12.3374, 0.1632,
0.1073

Harmonies

Analogous

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



54.6554, 0.2534, 0.2880



54.6554, 0.2668, 0.2766



54.6554, 0.2926, 0.2784

Triad

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



54.6554, 0.2668, 0.2766



54.6554, 0.3744, 0.3411



54.6554, 0.2982, 0.3706

Complementary

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



54.6554, 0.2668, 0.2766



71.2452, 0.3610, 0.3763

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.



54.6554, 0.3305, 0.3858



54.6554, 0.2668, 0.2766



54.6554, 0.3755, 0.3663

Square

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



54.6554, 0.2668, 0.2766



54.6554, 0.3555, 0.3145



54.6554, 0.3591, 0.3834



54.6554, 0.2708, 0.3424

Rectangle

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



54.6554, 0.2668, 0.2766



54.6554, 0.3140, 0.2864



54.6554, 0.3591, 0.3834



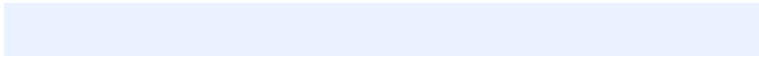
54.6554, 0.3089, 0.3775

Sweetspot

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



54.6576, 0.2668, 0.2766



88.0659, 0.3003, 0.3156



76.2152, 0.2846, 0.3562



18.3930, 0.2979, 0.3129



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.



54.6576, 0.2668, 0.2766



56.9953, 0.2575, 0.2650



46.2998, 0.2712, 0.2499



16.1123, 0.2980, 0.3130



6.9744, 0.1640, 0.1102



0.7584, 0.1712, 0.1364

Inverse Universe

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



52.4368, 0.3530, 0.3041



54.4817, 0.3633, 0.2992



82.1719, 0.3477, 0.4004



15.8480, 0.3239, 0.3210



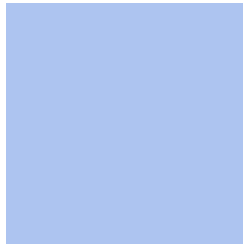
10.4974, 0.5607, 0.2862



0.8913, 0.5240, 0.2660

Previews

White Background



This preview shows how the Yxy color 54.6554, 0.2668, 0.2766 looks on a white background.

Color Contrast Check

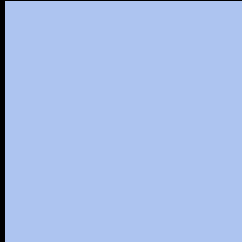
Large Text (above 18pt) WCAG AA × Fail

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 54.6554, 0.2668, 0.2766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

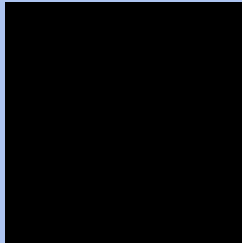
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

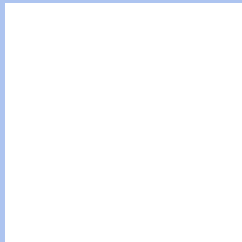
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6554, 0.2668, 0.2766

Background



This preview shows how black text looks on a background with the Yxy color 54.6554, 0.2668, 0.2766.



This preview shows how white text looks on a background with the Yxy color 54.6554, 0.2668, 0.2766.

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

54.6554, 0.2668, 0.2766

Protanopia

54.6273, 0.2757, 0.2763

Deuteranopia

54.5596, 0.2772, 0.2713



Tritanopia

54.5913, 0.2784, 0.3090

Trichromacy



Original Color

54.6554, 0.2668, 0.2766

Protanomaly

54.6393, 0.2725, 0.2761

Deuteranomaly

54.6811, 0.2732, 0.2730

Tritanomaly

54.8291, 0.2741, 0.2971

Monochromacy



Original Color

54.6554, 0.2668, 0.2766

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.1725, 0.2943, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6554, 0.2668, 0.2766 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(173, 196, 240)` looks like.

```
.text, #text, p{  
    color:rgb(173, 196, 240)  
}
```

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(173, 196, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 196, 240) }
```

Border

The CSS property to change the border of an element to Yxy 54.6554, 0.2668, 0.2766 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(173, 196, 240) }
```

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

```
.border{ border-color:rgb(173, 196, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 196, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 196, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 196, 240);  
box-shadow:4px 4px 4px 4px rgb(173, 196,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6554, 0.2668, 0.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 196, 240) }
```

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

```
.background{ background-color: rgb(173,  
196, 240) }
```

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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