

Converting Colors

Yxy(54.3743, 0.2672, 0.2964)

Have a look what the booklet for
Yxy(54.3743, 0.2672, 0.2964)
contains.

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Color

Yxy(54.2731, 0.2671, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	A0C8E2
RGB	160, 200, 226
RGB Percent	63%, 78%, 89%
CMY	0.3726, 0.2157, 0.1138
CMYK	0.29, 0.11, 0.00, 0.11
HSL	204°, 53%, 76%
HSV	204°, 29%, 89%
XYZ	48.8751, 54.2731, 79.8360
YIQ	191.0040, -32.1860, -0.3940

Conversions

Conversions Part 2

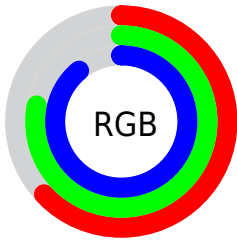
Format	Color
R_{YB}	160, 185, 226
Decimal	10537186
CIE _{Lab}	78.62, -7.27, -17.21
CIE _{LCh}	79, 18.681, 247.095
Yxy	54.2731, 0.2671, 0.2966
Android (android.graphics.Color)	4288727266 (0xFFA0C8E2)
YUV	191.0040, 17.2530, -27.1905
Hunter-Lab	73.6703, -10.5007, -12.6830

Details

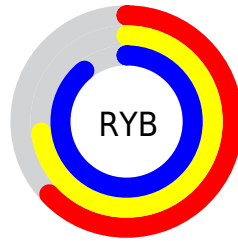
The Yxy color **54.2731, 0.2671, 0.2966** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.8060, 0.3689, 0.3592**, and the grayscale version is **52.0146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **26.6238, 0.2555, 0.2871** is the 20% darker color. If you saturate the color by 10%, you get **48.1532, 0.2517, 0.2834**, and if you desaturate by 10%, it is **61.0603, 0.2828, 0.3087**.

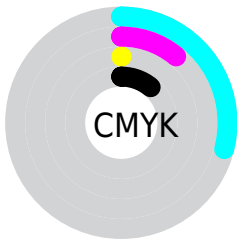
Distribution



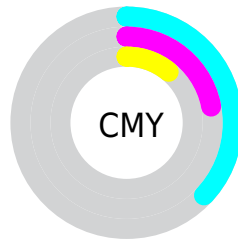
- Red (63%)
- Green (78%)
- Blue (89%)



- Red (63%)
- Yellow (73%)
- Blue (89%)



- Cyan (29%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)





- Cyan (37%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2731, 0.2671, 0.2966 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 54.2731, 0.2671, 0.2966 by changing the saturation by 10% instead.


 54.2731, 0.2671,
0.2966


 54.2731, 0.2671,
0.2966


403.1506, 0.2890,
0.3125

 38.8200, 0.2619,
0.2927


 96.4751, 0.2748,
0.3023

 26.6198, 0.2554,
0.2878


 123.9929, 0.2778,
0.3045

 17.2879, 0.2471,
0.2814


156.3010, 0.2803,
0.3063

 10.4399, 0.2359,
0.2727

193.7838, 0.2825,
0.3079

 5.6916, 0.2204,
0.2603

236.8258, 0.2844,
0.3093

 2.6585, 0.1973,
0.2412

285.8113, 0.2861,

 0.9562, 0.1595,

0.3105

0.2090

341.1248, 0.2876,
0.3116

0.0000, 0.0000,
0.0000

54.2731, 0.2671,
0.2966

54.2731, 0.2671,
0.2966

48.1532, 0.2517,
0.2834

61.0603, 0.2828,
0.3087

42.6672, 0.2370,
0.2694

68.5334, 0.2985,
0.3198

37.7878, 0.2234,
0.2546

76.7183, 0.3139,
0.3298

33.4830, 0.2114,
0.2393

85.6374, 0.3289,
0.3386

29.7164, 0.2013,
0.2240

91.7402, 0.3310,
0.3472

■ 26.4458, 0.1933,
0.2088

■ 97.2366, 0.3300,
0.3557

■ 23.6067, 0.1873,
0.1940

■ 98.2699, 0.3298,
0.3572

■ 23.3921, 0.1869,
0.1928

Harmonies

Analogous

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



54.2731, 0.2673, 0.3144



54.2731, 0.2671, 0.2966



54.2731, 0.2785, 0.2881

Triad

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



54.2731, 0.2671, 0.2966



54.2731, 0.3471, 0.3196



54.2731, 0.3248, 0.3716

Complementary

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



54.2731, 0.2671, 0.2966



53.8060, 0.3689, 0.3592

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.



54.2731, 0.3470, 0.3714



54.2731, 0.2671, 0.2966



54.2731, 0.3604, 0.3405

Square

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



54.2731, 0.2671, 0.2966



54.2731, 0.3244, 0.3015



54.2731, 0.3603, 0.3595



54.2731, 0.2999, 0.3591

Rectangle

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



54.2731, 0.2671, 0.2966



54.2731, 0.2916, 0.2883



54.2731, 0.3603, 0.3595



54.2731, 0.3328, 0.3730

Sweetspot

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



54.2753, 0.2671, 0.2966



90.2758, 0.2987, 0.3199



65.3696, 0.2937, 0.3804



19.0018, 0.2965, 0.3184



0.0000, 0.0000, 0.0000



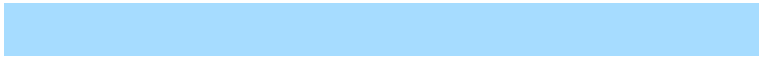
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2753, 0.2671, 0.2966



66.4197, 0.2577, 0.2888



40.8541, 0.2625, 0.2544



14.6195, 0.2981, 0.3195



13.5854, 0.1875, 0.1951



1.1147, 0.1939, 0.2179

Inverse Universe

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



45.4751, 0.3389, 0.2835



53.6022, 0.3460, 0.2739



68.9923, 0.3589, 0.3940



13.8395, 0.3198, 0.3149



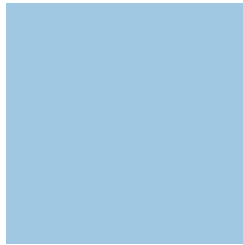
10.2795, 0.4508, 0.2257



0.7300, 0.4254, 0.2117

Previews

White Background



This preview shows how the Yxy color 54.2731, 0.2671, 0.2966 looks on a white background.

Color Contrast Check

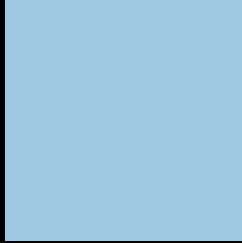
Large Text (above 18pt) WCAG AA × Fail

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 54.2731, 0.2671, 0.2966 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

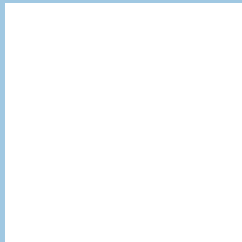
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2731, 0.2671, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 54.2731, 0.2671, 0.2966.



This preview shows how white text looks on a background with the Yxy color 54.2731, 0.2671, 0.2966.

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

54.2731, 0.2671, 0.2966

Protanopia

54.1792, 0.2896, 0.2955

Deuteranopia

53.7324, 0.2899, 0.2834



Tritanopia

54.1043, 0.2707, 0.3074

Trichromacy



Original Color

54.2731, 0.2671, 0.2966

Protanomaly

54.2725, 0.2806, 0.2961

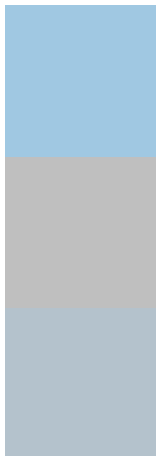
Deuteranomaly

53.7533, 0.2813, 0.2882

Tritanomaly

54.3647, 0.2695, 0.3038

Monochromacy



Original Color

54.2731, 0.2671, 0.2966

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.6465, 0.2946, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2731, 0.2671, 0.2966 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(160, 200, 226)` looks like.

```
.text, #text, p{  
    color:rgb(160, 200, 226)  
}
```

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(160, 200, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 200, 226) }
```

Border

The CSS property to change the border of an element to Yxy 54.2731, 0.2671, 0.2966 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(160, 200, 226) }
```

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

```
.border{ border-color:rgb(160, 200, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 200, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 200, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 200, 226);  
box-shadow:4px 4px 4px 4px rgb(160, 200,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2731, 0.2671, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 200, 226) }
```

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

```
.background{ background-color: rgb(160,  
200, 226) }
```

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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