

Converting Colors

$Yxy(55.4864, 0.2556, 0.2910)$

Have a look what the booklet for
Yxy(55.4864, 0.2556, 0.2910)
contains.

Yxy(55.4798, 0.2555, 0.2904)	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(55.4798, 0.2555, 0.2904)

Conversions

Conversions Part 1

Format	Color
Hex	94CCEB
RGB	148, 204, 235
RGB Percent	58%, 80%, 92%
CMY	0.4194, 0.2000, 0.0783
CMYK	0.37, 0.13, 0.00, 0.08
HSL	201°, 69%, 75%
HSV	201°, 37%, 92%
XYZ	48.8123, 55.4798, 86.7541
YIQ	190.7900, -43.3270, -2.2310

Conversions

Conversions Part 2

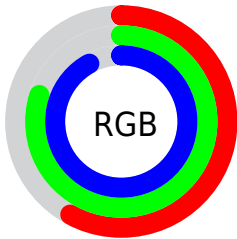
Format	Color
RYB	148, 182, 235
Decimal	9751787
CIELab	79.32, -10.44, -21.07
CIELCh	79, 23.519, 243.640
Yxy	55.4798, 0.2555, 0.2904
Android (android.graphics.Color)	4287941867 (0xFF94CCEB)
YUV	190.7900, 21.7955, -37.5268
Hunter-Lab	74.4848, -13.3715, -16.9170

Details

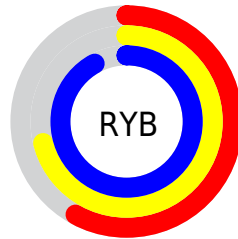
The Yxy color **55.4798, 0.2555, 0.2904** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.0893, 0.3899, 0.3642**, and the grayscale version is **51.8715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **27.3945, 0.2413, 0.2806** is the 20% darker color. If you saturate the color by 10%, you get **49.6263, 0.2410, 0.2779**, and if you desaturate by 10%, it is **61.9974, 0.2707, 0.3021**.

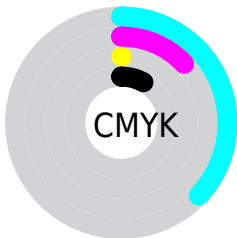
Distribution



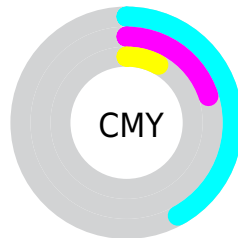
- Red (58%)
- Green (80%)
- Blue (92%)



- Red (58%)
- Yellow (71%)
- Blue (92%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (42%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4798, 0.2555, 0.2904 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 55.4798, 0.2555, 0.2904 by changing the saturation by 10% instead.

■ 55.4798, 0.2555,
0.2904

■ 55.4798, 0.2555,
0.2904

407.7281, 0.2827,
0.3094

■ 39.7860, 0.2492,
0.2858

■ 98.2436, 0.2650,
0.2972

■ 27.3717, 0.2413,
0.2800

■ 126.0824, 0.2687,
0.2998

■ 17.8526, 0.2312,
0.2725

158.7382, 0.2719,
0.3020

■ 10.8442, 0.2179,
0.2623

196.5956, 0.2746,
0.3039

■ 5.9622, 0.1998,
0.2478

240.0389, 0.2770,
0.3055

■ 2.8221, 0.1736,
0.2261

289.4525, 0.2791,

■ 1.0396, 0.1330,

0.3069

0.1906

345.2208, 0.2810,
0.3082

0.0000, 0.0000,
0.0000

55.4798, 0.2555,
0.2904

55.4798, 0.2555,
0.2904

49.6263, 0.2410,
0.2779

61.9974, 0.2707,
0.3021

44.4000, 0.2276,
0.2647

69.2008, 0.2863,
0.3129

39.7696, 0.2158,
0.2510

77.1182, 0.3019,
0.3227

35.6976, 0.2058,
0.2371

85.7743, 0.3173,
0.3315

32.1404, 0.1979,
0.2233

93.1305, 0.3252,
0.3396

■ 29.0428, 0.1920,
0.2098

■ 98.3478, 0.3244,
0.3476

■ 28.1781, 0.1905,
0.2058

■ 98.7798, 0.3244,
0.3483

Harmonies

Analogous

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



55.4798, 0.2574, 0.3135



55.4798, 0.2555, 0.2904



55.4798, 0.2679, 0.2789

Triad

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



55.4798, 0.2555, 0.2904



55.4798, 0.3528, 0.3142



55.4798, 0.3310, 0.3836

Complementary

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



55.4798, 0.2555, 0.2904



52.0893, 0.3899, 0.3642

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.



55.4798, 0.3580, 0.3808



55.4798, 0.2555, 0.2904



55.4798, 0.3714, 0.3398

Square

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



55.4798, 0.2555, 0.2904



55.4798, 0.3235, 0.2929



55.4798, 0.3732, 0.3641



55.4798, 0.2999, 0.3696

Rectangle

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



55.4798, 0.2555, 0.2904



55.4798, 0.2832, 0.2783



55.4798, 0.3732, 0.3641



55.4798, 0.3409, 0.3845

Sweetspot

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



55.4820, 0.2555, 0.2904



88.8404, 0.2956, 0.3189



68.9696, 0.2908, 0.4009



18.7371, 0.2935, 0.3175



0.0000, 0.0000, 0.0000



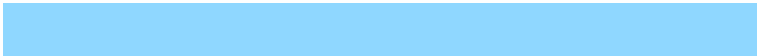
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4820, 0.2555, 0.2904



61.6185, 0.2450, 0.2815



37.8295, 0.2474, 0.2340



16.1648, 0.2981, 0.3204



15.9279, 0.1911, 0.2079



1.4313, 0.1963, 0.2266

Inverse Universe

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



43.2261, 0.3453, 0.2676



45.7488, 0.3540, 0.2559



72.0413, 0.3730, 0.4087



15.2172, 0.3192, 0.3140



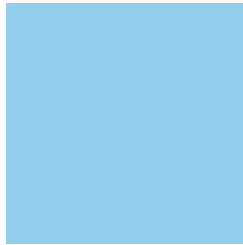
11.1007, 0.4364, 0.2178



0.8899, 0.4162, 0.2067

Previews

White Background



This preview shows how the Yxy color 55.4798, 0.2555, 0.2904 looks on a white background.

Color Contrast Check

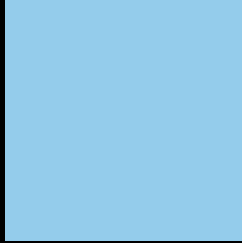
Large Text (above 18pt) WCAG AA × Fail

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 55.4798, 0.2555, 0.2904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

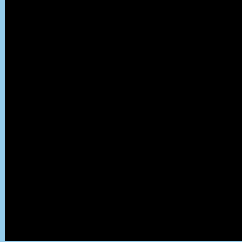
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4798, 0.2555, 0.2904

Background



This preview shows how black text looks on a background with the Yxy color 55.4798, 0.2555, 0.2904.



This preview shows how white text looks on a background with the Yxy color 55.4798, 0.2555, 0.2904.

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

55.4798, 0.2555, 0.2904

Protanopia

55.0038, 0.2850, 0.2888

Deuteranopia

55.3417, 0.2820, 0.2761



Tritanopia

55.4901, 0.2606, 0.3073

Trichromacy



Original Color

55.4798, 0.2555, 0.2904

Protanomaly

55.1564, 0.2730, 0.2892

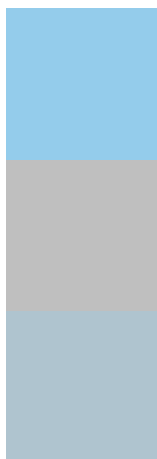
Deuteranomaly

54.9414, 0.2712, 0.2803

Tritanomaly

55.3197, 0.2588, 0.3011

Monochromacy



Original Color

55.4798, 0.2555, 0.2904

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.0988, 0.2889, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4798, 0.2555, 0.2904 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(148, 204, 235)` looks like.

```
.text, #text, p{  
    color:rgb(148, 204, 235)  
}
```

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(148, 204, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 204, 235) }
```

Border

The CSS property to change the border of an element to Yxy 55.4798, 0.2555, 0.2904 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(148, 204, 235) }
```

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

```
.border{ border-color:rgb(148, 204, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 204, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 204, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 204, 235);  
box-shadow:4px 4px 4px 4px rgb(148, 204,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4798, 0.2555, 0.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 204, 235) }
```

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

```
.background{ background-color: rgb(148,  
204, 235) }
```

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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