

Converting Colors

$Yxy(54.3962, 0.2646, 0.2995)$

Have a look what the booklet for
Yxy(54.3962, 0.2646, 0.2995)
contains.

Yxy(54.6459, 0.2648, 0.3001)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.6459, 0.2648, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	9BCAE1
RGB	155, 202, 225
RGB Percent	61%, 79%, 88%
CMY	0.3924, 0.2078, 0.1177
CMYK	0.31, 0.10, 0.00, 0.12
HSL	200°, 54%, 74%
HSV	200°, 31%, 88%
XYZ	48.2180, 54.6459, 79.2284
YIQ	190.5690, -35.3950, -2.8110

Conversions

Conversions Part 2

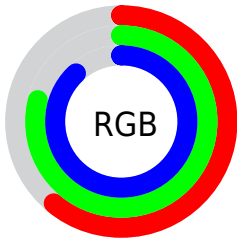
Format	Color
RYB	155, 183, 225
Decimal	10210017
CIELab	78.84, -10.01, -16.38
CIElCh	79, 19.191, 238.577
Yxy	54.6459, 0.2648, 0.3001
Android (android.graphics.Color)	4288400097 (0xFF9BCAE1)
YUV	190.5690, 16.9745, -31.1940
Hunter-Lab	73.9229, -12.9339, -11.7993

Details

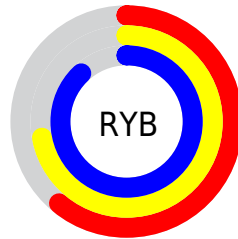
The Yxy color **54.6459, 0.2648, 0.3001** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.1732, 0.3751, 0.3561**, and the grayscale version is **51.7476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **26.8488, 0.2522, 0.2917** is the 20% darker color. If you saturate the color by 10%, you get **49.2468, 0.2501, 0.2891**, and if you desaturate by 10%, it is **60.6295, 0.2800, 0.3103**.

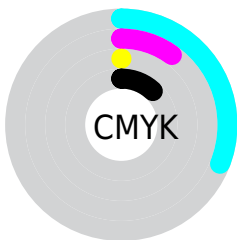
Distribution



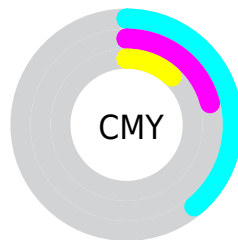
- Red (61%)
- Green (79%)
- Blue (88%)



- Red (61%)
- Yellow (72%)
- Blue (88%)



- Cyan (31%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (39%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6459, 0.2648, 0.3001 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 54.6459, 0.2648, 0.3001 by changing the saturation by 10% instead.

■ 54.6459, 0.2648,
0.3001

■ 54.6459, 0.2648,
0.3001

404.5683, 0.2877,
0.3144

■ 39.1183, 0.2594,
0.2966

■ 97.0220, 0.2729,
0.3053

■ 26.8518, 0.2526,
0.2921

■ 124.6392, 0.2760,
0.3072

■ 17.4619, 0.2439,
0.2863

157.0551, 0.2787,
0.3089

■ 10.5644, 0.2323,
0.2783

194.6540, 0.2810,
0.3103

■ 5.7747, 0.2162,
0.2668

237.8204, 0.2830,
0.3115

■ 2.7086, 0.1924,
0.2489

286.9387, 0.2847,

■ 0.9816, 0.1527,

0.3126

0.2186

342.3931, 0.2863,
0.3136

0.0000, 0.0000,
0.0000

54.6459, 0.2648,
0.3001

54.6459, 0.2648,
0.3001

49.2468, 0.2501,
0.2891

60.6295, 0.2800,
0.3103

44.4002, 0.2364,
0.2774

67.2146, 0.2955,
0.3196

40.0808, 0.2241,
0.2652

74.4254, 0.3110,
0.3281

36.2578, 0.2134,
0.2527

82.2827, 0.3261,
0.3357

32.8963, 0.2046,
0.2401

88.3712, 0.3323,
0.3428

■ 29.9551, 0.1980,
0.2275

■ 92.7768, 0.3314,
0.3499

■ 27.6387, 0.1935,
0.2166

■ 97.3606, 0.3305,
0.3569

■ 98.2154, 0.3304,
0.3582

Harmonies

Analogous

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



54.6459, 0.2685, 0.3205



54.6459, 0.2648, 0.3001



54.6459, 0.2733, 0.2885

Triad

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



54.6459, 0.2648, 0.3001



54.6459, 0.3420, 0.3136



54.6459, 0.3321, 0.3740

Complementary

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



54.6459, 0.2648, 0.3001



50.1732, 0.3751, 0.3561

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.



54.6459, 0.3529, 0.3700



54.6459, 0.2648, 0.3001



54.6459, 0.3590, 0.3346

Square

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



54.6459, 0.2648, 0.3001



54.6459, 0.3173, 0.2967



54.6459, 0.3630, 0.3552



54.6459, 0.3067, 0.3647

Rectangle

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



54.6459, 0.2648, 0.3001



54.6459, 0.2849, 0.2867



54.6459, 0.3630, 0.3552



54.6459, 0.3399, 0.3741

Sweetspot

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



54.6481, 0.2648, 0.3001



91.1968, 0.2987, 0.3215



63.9839, 0.2953, 0.3906



19.2292, 0.2965, 0.3202



0.0000, 0.0000, 0.0000



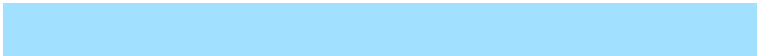
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6481, 0.2648, 0.3001



68.1070, 0.2557, 0.2935



40.3231, 0.2595, 0.2549



14.7753, 0.2982, 0.3211



16.1509, 0.1941, 0.2185



1.2808, 0.1993, 0.2376

Inverse Universe

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



43.6933, 0.3368, 0.2755



52.0129, 0.3430, 0.2648



65.5281, 0.3636, 0.3935



13.8552, 0.3188, 0.3134



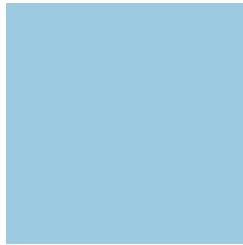
10.5385, 0.4248, 0.2114



0.7468, 0.4048, 0.2004

Previews

White Background



This preview shows how the Yxy color 54.6459, 0.2648, 0.3001 looks on a white background.

Color Contrast Check

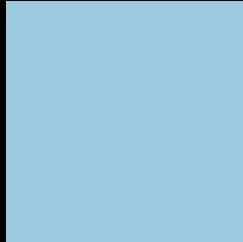
Large Text (above 18pt) WCAG AA × Fail

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 54.6459, 0.2648, 0.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

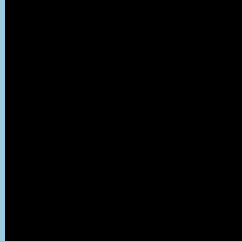
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6459, 0.2648, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 54.6459, 0.2648, 0.3001.



This preview shows how white text looks on a background with the Yxy color 54.6459, 0.2648, 0.3001.

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

54.6459, 0.2648, 0.3001

Protanopia

54.3308, 0.2925, 0.2979

Deuteranopia

54.4341, 0.2915, 0.2848



Tritanopia

54.6964, 0.2678, 0.3086

Trichromacy



Original Color

54.6459, 0.2648, 0.3001

Protanomaly

54.1653, 0.2819, 0.2985

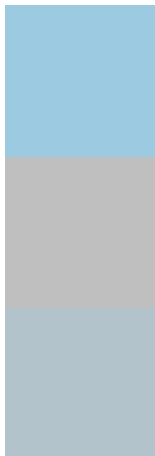
Deuteranomaly

54.0747, 0.2807, 0.2894

Tritanomaly

54.8024, 0.2667, 0.3062

Monochromacy



Original Color

54.6459, 0.2648, 0.3001

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.8070, 0.2938, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6459, 0.2648, 0.3001 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(155, 202, 225)` looks like.

```
.text, #text, p{  
    color:rgb(155, 202, 225)  
}
```

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(155, 202, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 202, 225) }
```

Border

The CSS property to change the border of an element to Yxy 54.6459, 0.2648, 0.3001 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(155, 202, 225) }
```

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

```
.border{ border-color:rgb(155, 202, 225) }
```

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

Here you see how a box with a 4 pixel rgb(155, 202, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 202, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 202, 225);  
box-shadow:4px 4px 4px 4px rgb(155, 202,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6459, 0.2648, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 202, 225) }
```

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

```
.background{ background-color: rgb(155,  
202, 225) }
```

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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