

Converting Colors

$Yxy(49.6021, 0.2734, 0.3056)$

Have a look what the booklet for
Yxy(49.6021, 0.2734, 0.3056)
contains.

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Color

Yxy(49.5205, 0.2738, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	9DC0D2
RGB	157, 192, 210
RGB Percent	62%, 75%, 82%
CMY	0.3844, 0.2470, 0.1765
CMYK	0.25, 0.09, 0.00, 0.18
HSL	200°, 37%, 72%
HSV	200°, 25%, 82%
XYZ	44.3820, 49.5205, 68.1940
YIQ	183.5870, -26.6380, -1.8220

Conversions

Conversions Part 2

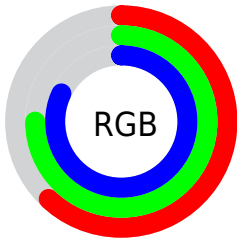
Format	Color
RYB	157, 178, 210
Decimal	10338514
CIELab	75.77, -7.67, -12.89
CIELCh	76, 14.996, 239.231
Yxy	49.5205, 0.2738, 0.3055
Android (android.graphics.Color)	4288528594 (0xFF9DC0D2)
YUV	183.5870, 13.0216, -23.3168
Hunter-Lab	70.3708, -10.5711, -8.1964

Details

The Yxy color **49.5205, 0.2738, 0.3055** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.7789, 0.3604, 0.3513**, and the grayscale version is **47.6288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3519, 0.2868, 0.3217**, and **23.8086, 0.2628, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **44.5357, 0.2587, 0.2946**, and if you desaturate by 10%, it is **55.0237, 0.2892, 0.3155**.

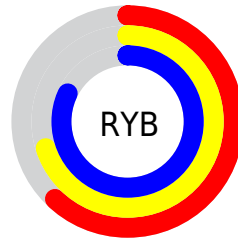
Distribution



Red (62%)

Green (75%)

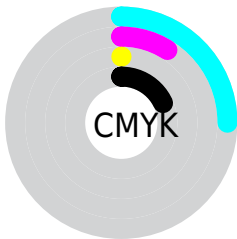
Blue (82%)



Red (62%)

Yellow (70%)

Blue (82%)

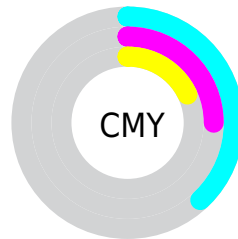


Cyan (25%)

Magenta (9%)

Yellow (0%)

Black (18%)



Cyan (38%)


Magenta (25%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5205, 0.2738, 0.3055 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 49.5205, 0.2738, 0.3055 by changing the saturation by 10% instead.


 49.5205, 0.2738,
0.3055


 49.5205, 0.2738,
0.3055


384.7878, 0.2928,
0.3173

 35.0326, 0.2692,
0.3026


 89.4640, 0.2806,
0.3098

 23.6880, 0.2634,
0.2988


 115.6884, 0.2832,
0.3114

 15.1023, 0.2557,
0.2937


146.5937, 0.2854,
0.3128

 8.8912, 0.2454,
0.2867

182.5643, 0.2873,
0.3139

 4.6703, 0.2305,
0.2764

223.9846, 0.2889,
0.3149

 2.0551, 0.2076,
0.2596

271.2390, 0.2904,

 0.6392, 0.1498,

0.3158

0.2279

324.7120, 0.2917,
0.3166

0.0000, 0.0000,
0.0000

49.5205, 0.2738,
0.3055

49.5205, 0.2738,
0.3055

44.5357, 0.2587,
0.2946

55.0237, 0.2892,
0.3155

40.0427, 0.2443,
0.2830

61.0587, 0.3047,
0.3246

36.0211, 0.2310,
0.2707

67.6457, 0.3199,
0.3328

32.4464, 0.2191,
0.2579

74.8017, 0.3347,
0.3401

29.2912, 0.2090,
0.2449

81.1978, 0.3439,
0.3468

■ 26.5239, 0.2009,
0.2319

■ 85.1903, 0.3427,
0.3538

■ 24.1066, 0.1949,
0.2190

■ 89.3461, 0.3415,
0.3607

■ 23.0505, 0.1925,
0.2130

■ 93.6671, 0.3403,
0.3675

■ 97.4334, 0.3394,
0.3731

Harmonies

Analogous

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



49.5205, 0.2766, 0.3219



49.5205, 0.2738, 0.3055



49.5205, 0.2810, 0.2961

Triad

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



49.5205, 0.2738, 0.3055



49.5205, 0.3368, 0.3169



49.5205, 0.3281, 0.3651

Complementary

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



49.5205, 0.2738, 0.3055



46.7789, 0.3604, 0.3513

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.



49.5205, 0.3449, 0.3624



49.5205, 0.2738, 0.3055



49.5205, 0.3502, 0.3342

Square

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



49.5205, 0.2738, 0.3055



49.5205, 0.3170, 0.3029



49.5205, 0.3532, 0.3508



49.5205, 0.3075, 0.3573

Rectangle

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



49.5205, 0.2738, 0.3055



49.5205, 0.2906, 0.2946



49.5205, 0.3532, 0.3508



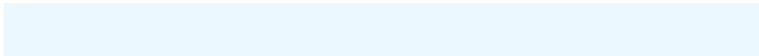
49.5205, 0.3344, 0.3653

Sweetspot

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



49.5225, 0.2738, 0.3055



91.9980, 0.3003, 0.3221



56.3412, 0.2979, 0.3759



19.3826, 0.2980, 0.3207



0.0000, 0.0000, 0.0000



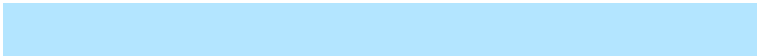
21.4041, 0.3127, 0.3290

Same Dimension

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



49.5225, 0.2738, 0.3055



72.8099, 0.2661, 0.3001



39.0196, 0.2706, 0.2699



12.7034, 0.2983, 0.3209



14.2526, 0.1930, 0.2149



0.9407, 0.1995, 0.2383

Inverse Universe

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



41.6108, 0.3318, 0.2867



58.9600, 0.3366, 0.2779



57.9855, 0.3530, 0.3819



11.9380, 0.3189, 0.3138



9.5101, 0.4288, 0.2136



0.5463, 0.4041, 0.2000

Previews

White Background



This preview shows how the Yxy color 49.5205, 0.2738, 0.3055 looks on a white background.

Color Contrast Check

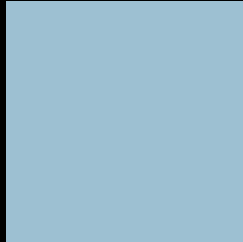
Large Text (above 18pt) WCAG AA × Fail

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 49.5205, 0.2738, 0.3055 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 49.5205, 0.2738, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 49.5205, 0.2738, 0.3055.



This preview shows how white text looks on a background with the Yxy color 49.5205, 0.2738, 0.3055.

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

49.5205, 0.2738, 0.3055

Protanopia

49.3445, 0.2961, 0.3028

Deuteranopia

49.4158, 0.2980, 0.2925



Tritanopia

49.3213, 0.2744, 0.3080

Trichromacy



Original Color

49.5205, 0.2738, 0.3055

Protanomaly

49.4701, 0.2878, 0.3048

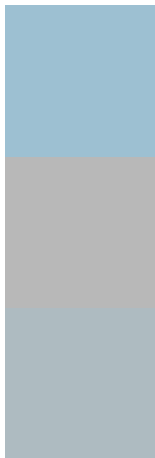
Deuteranomaly

49.4047, 0.2887, 0.2977

Tritanomaly

49.3706, 0.2738, 0.3067

Monochromacy



Original Color

49.5205, 0.2738, 0.3055

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.3896, 0.2977, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5205, 0.2738, 0.3055 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(157, 192, 210)` looks like.

```
.text, #text, p{  
    color:rgb(157, 192, 210)  
}
```

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(157, 192, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 192, 210) }
```

Border

The CSS property to change the border of an element to Yxy 49.5205, 0.2738, 0.3055 is called "border". The border property can be set on classes, ids or directly on the HTML element.

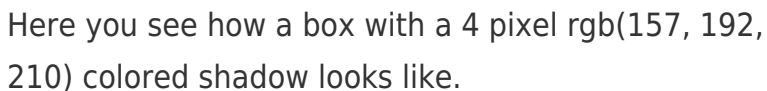
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 192, 210) }
```

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

```
.border{ border-color:rgb(157, 192, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 192, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 192, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 192, 210);  
box-shadow:4px 4px 4px 4px rgb(157, 192,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5205, 0.2738, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 192, 210) }
```

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

```
.background{ background-color: rgb(157,  
192, 210) }
```

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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