

Converting Colors

$Yxy(47.5226, 0.2625, 0.3085)$

Have a look what the booklet for
Yxy(47.5226, 0.2625, 0.3085)
contains.

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Color

Yxy(47.5226, 0.2625, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	89C0CF
RGB	137, 192, 207
RGB Percent	54%, 75%, 81%
CMY	0.4625, 0.2471, 0.1882
CMYK	0.34, 0.07, 0.00, 0.19
HSL	193°, 42%, 67%
HSV	193°, 34%, 81%
XYZ	40.4366, 47.5226, 66.0849
YIQ	177.2650, -37.5950, -6.9950

Conversions

Conversions Part 2

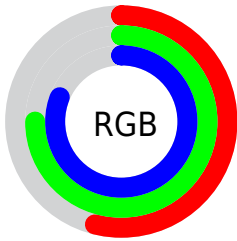
Format	Color
RYB	137, 168, 207
Decimal	9027791
CIELab	74.52, -14.13, -13.26
CIElCh	75, 19.379, 223.177
Yxy	47.5226, 0.2625, 0.3085
Android (android.graphics.Color)	4287217871 (0xFF89C0CF)
YUV	177.2650, 14.6594, -35.3124
Hunter-Lab	68.9366, -15.9353, -8.5817

Details

The Yxy color **47.5226, 0.2625, 0.3085** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.5589, 0.3849, 0.3484**, and the grayscale version is **44.0560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5613, 0.2756, 0.3214**, and **22.3617, 0.2488, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **44.0155, 0.2493, 0.3014**, and if you desaturate by 10%, it is **51.4282, 0.2767, 0.3152**.

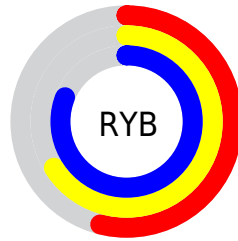
Distribution



Red (54%)

Green (75%)

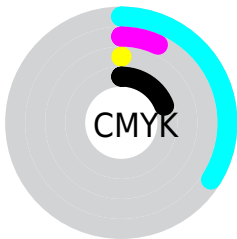
Blue (81%)



Red (54%)

Yellow (66%)

Blue (81%)

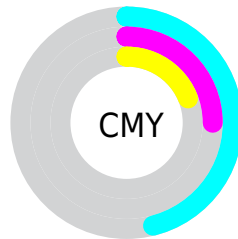


Cyan (34%)

Magenta (7%)

Yellow (0%)

Black (19%)



Cyan (46%)

Magenta (25%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.5226, 0.2625, 0.3085 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 47.5226, 0.2625, 0.3085 by changing the saturation by 10% instead.

■ 47.5226, 0.2625,
0.3085

■ 47.5226, 0.2625,
0.3085

■ 376.8967, 0.2871,
0.3191

■ 33.4490, 0.2565,
0.3058

■ 86.4932, 0.2713,
0.3124

■ 22.4706, 0.2490,
0.3022

■ 112.1589, 0.2746,
0.3139

■ 14.2031, 0.2391,
0.2973

■ 142.4575, 0.2775,
0.3151

■ 8.2621, 0.2257,
0.2905

■ 177.7733, 0.2799,
0.3162

■ 4.2631, 0.2066,
0.2800

■ 218.4907, 0.2821,
0.3170

■ 1.8218, 0.1773,
0.2623

■ 264.9942, 0.2840,

■ 0.5007, 0.0596,

0.3178

0.2278

317.6680, 0.2856,
0.3185

0.0000, 0.0000,
0.0000

47.5226, 0.2625,
0.3085

47.5226, 0.2625,
0.3085

44.0155, 0.2493,
0.3014

51.4282, 0.2767,
0.3152

40.8814, 0.2373,
0.2939

55.7448, 0.2916,
0.3213

38.1006, 0.2270,
0.2862

60.4913, 0.3069,
0.3270

35.6486, 0.2184,
0.2783

65.6836, 0.3222,
0.3321

33.4974, 0.2118,
0.2704

71.3369, 0.3374,
0.3367

■ 31.6134, 0.2072,
0.2626

■ 76.2576, 0.3476,
0.3409

■ 30.5422, 0.2049,
0.2578

■ 78.6043, 0.3468,
0.3454

■ 81.0134, 0.3460,
0.3498

■ 83.4854, 0.3452,
0.3542

Harmonies

Analogous

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



47.5226, 0.2728, 0.3330



47.5226, 0.2625, 0.3085



47.5226, 0.2649, 0.2911

Triad

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



47.5226, 0.2625, 0.3085



47.5226, 0.3308, 0.3028



47.5226, 0.3455, 0.3762

Complementary

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



47.5226, 0.2625, 0.3085



37.5589, 0.3849, 0.3484

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.



47.5226, 0.3625, 0.3654



47.5226, 0.2625, 0.3085



47.5226, 0.3539, 0.3232

Square

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



47.5226, 0.2625, 0.3085



47.5226, 0.3034, 0.2888



47.5226, 0.3657, 0.3458



47.5226, 0.3202, 0.3737

Rectangle

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



47.5226, 0.2625, 0.3085



47.5226, 0.2735, 0.2854



47.5226, 0.3657, 0.3458



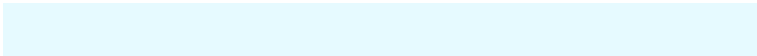
47.5226, 0.3524, 0.3739

Sweetspot

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



47.5245, 0.2625, 0.3085



92.0354, 0.2972, 0.3235



52.1940, 0.2992, 0.4085



19.4722, 0.2950, 0.3227



0.0000, 0.0000, 0.0000



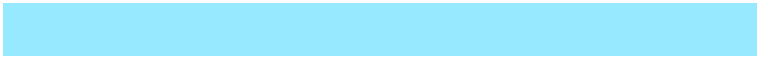
21.4041, 0.3127, 0.3290

Same Dimension

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



47.5245, 0.2625, 0.3085



71.7666, 0.2522, 0.3031



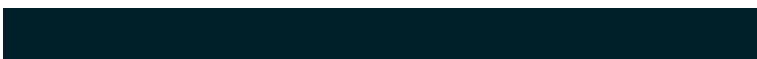
34.2974, 0.2562, 0.2598



12.9581, 0.2983, 0.3239



19.3818, 0.2052, 0.2589



1.1937, 0.2092, 0.2732

Inverse Universe

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



34.9802, 0.3312, 0.2621



49.0737, 0.3366, 0.2471



50.2063, 0.3710, 0.3895



11.9638, 0.3170, 0.3109



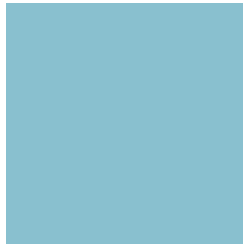
10.0279, 0.3835, 0.1886



0.5718, 0.3698, 0.1811

Previews

White Background



This preview shows how the Yxy color 47.5226, 0.2625, 0.3085 looks on a white background.

Color Contrast Check

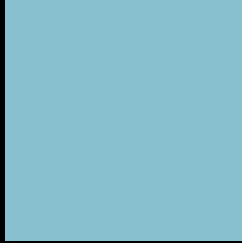
Large Text (above 18pt) WCAG AA × Fail

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 47.5226, 0.2625, 0.3085 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

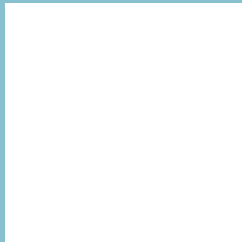
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5226, 0.2625, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 47.5226, 0.2625, 0.3085.



This preview shows how white text looks on a background with the Yxy color 47.5226, 0.2625, 0.3085.

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

47.5226, 0.2625, 0.3085

Protanopia

47.0416, 0.2981, 0.3048

Deuteranopia

47.0587, 0.2954, 0.2894



Tritanopia

47.5226, 0.2625, 0.3085

Trichromacy



Original Color

47.5226, 0.2625, 0.3085

Protanomaly

47.0091, 0.2835, 0.3054

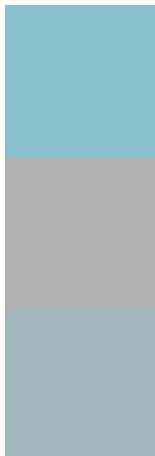
Deuteranomaly

46.9054, 0.2823, 0.2955

Tritanomaly

47.5226, 0.2625, 0.3085

Monochromacy



Original Color

47.5226, 0.2625, 0.3085

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.7681, 0.2917, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5226, 0.2625, 0.3085 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(137, 192, 207)` looks like.

```
.text, #text, p{  
    color:rgb(137, 192, 207)  
}
```

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(137, 192, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 192, 207) }
```

Border

The CSS property to change the border of an element to Yxy 47.5226, 0.2625, 0.3085 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(137, 192, 207) }
```

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

```
.border{ border-color:rgb(137, 192, 207) }
```

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

Here you see how a box with a 4 pixel rgb(137, 192, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 192, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 192, 207);  
box-shadow:4px 4px 4px 4px rgb(137, 192,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5226, 0.2625, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 192, 207) }
```

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

```
.background{ background-color: rgb(137,  
192, 207) }
```

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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