

Converting Colors

$Yxy(47.8651, 0.2907, 0.3391)$

Have a look what the booklet for
Yxy(47.8651, 0.2907, 0.3391)
contains.

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Color

Yxy(47.7902, 0.2903, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	9CBFB8
RGB	156, 191, 184
RGB Percent	61%, 75%, 72%
CMY	0.3884, 0.2509, 0.2785
CMYK	0.18, 0.00, 0.04, 0.25
HSL	168°, 22%, 68%
HSV	168°, 18%, 75%
XYZ	40.9852, 47.7902, 52.4069
YIQ	179.7370, -18.6130, -9.5970

Conversions

Conversions Part 2

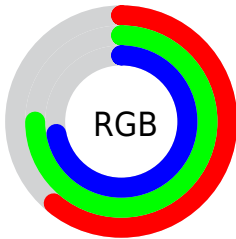
Format	Color
RYB	156, 175, 191
Decimal	10272696
CIELab	74.69, -13.17, -0.37
CIELCh	75, 13.175, 181.614
Yxy	47.7902, 0.2903, 0.3385
Android (android.graphics.Color)	4288462776 (0xFF9CBFB8)
YUV	179.7370, 2.1017, -20.8173
Hunter-Lab	69.1305, -15.1514, 3.4444

Details

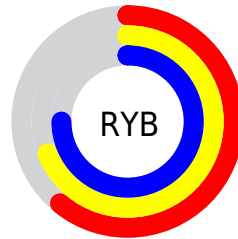
The Yxy color $47.7902, 0.2903, 0.3385$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $37.4834, 0.3410, 0.3197$, and the grayscale version is $45.4858, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.6617, 0.2944, 0.3363$, and $22.7587, 0.2840, 0.3421$ is the 20% darker color. If you saturate the color by 10%, you get $45.8764, 0.2791, 0.3444$, and if you desaturate by 10%, it is $50.0119, 0.3023, 0.3331$.

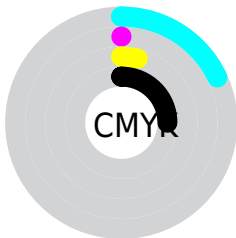
Distribution



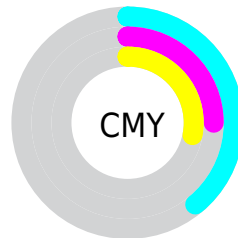
- Red (61%)
- Green (75%)
- Blue (72%)



- Red (61%)
- Yellow (69%)
- Blue (75%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)





- Cyan (39%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7902, 0.2903, 0.3385 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 47.7902, 0.2903, 0.3385 by changing the saturation by 10% instead.


 47.7902, 0.2903,
0.3385


 47.7902, 0.2903,
0.3385


377.9599, 0.3014,
0.3338

 33.6608, 0.2875,
0.3397


 86.8920, 0.2943,
0.3368

 22.6331, 0.2840,
0.3411


 112.6331, 0.2959,
0.3362

 14.3228, 0.2793,
0.3431


143.0135, 0.2971,
0.3356

 8.3455, 0.2728,
0.3458

178.4177, 0.2982,
0.3352

 4.3168, 0.2631,
0.3499

219.2301, 0.2992,
0.3347

 1.8523, 0.2473,
0.3564

265.8350, 0.3000,

 0.5195, 0.1342,

0.3344

0.4048

318.6168, 0.3008,
0.3341

0.0000, 0.0000,
0.0000

47.7902, 0.2903,
0.3385

47.7902, 0.2903,
0.3385

45.8764, 0.2791,
0.3444

50.0119, 0.3023,
0.3331

44.2507, 0.2690,
0.3507

52.5487, 0.3148,
0.3282

42.8998, 0.2602,
0.3573

55.4148, 0.3276,
0.3238

41.8072, 0.2530,
0.3643

58.6220, 0.3404,
0.3199

40.9547, 0.2476,
0.3715

62.1813, 0.3531,
0.3165

■ 40.3215, 0.2442,
0.3787

■ 63.0310, 0.3529,
0.3127

■ 39.8833, 0.2427,
0.3860

■ 63.2204, 0.3497,
0.3088

■ 39.6013, 0.2428,
0.3932

■ 63.4143, 0.3466,
0.3049

■ 39.5603, 0.2429,
0.3944

■ 63.6129, 0.3436,
0.3011

Harmonies

Analogous

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



47.7902, 0.3067, 0.3532



47.7902, 0.2903, 0.3385



47.7902, 0.2800, 0.3215

Triad

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



47.7902, 0.2903, 0.3385



47.7902, 0.2997, 0.2992



47.7902, 0.3484, 0.3495

Complementary

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



47.7902, 0.2903, 0.3385



37.4834, 0.3410, 0.3197

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.



47.7902, 0.3466, 0.3350



47.7902, 0.2903, 0.3385



47.7902, 0.3180, 0.3065

Square

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



47.7902, 0.2903, 0.3385



47.7902, 0.2853, 0.2993



47.7902, 0.3353, 0.3194



47.7902, 0.3404, 0.3592

Rectangle

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



47.7902, 0.2903, 0.3385



47.7902, 0.2778, 0.3114



47.7902, 0.3353, 0.3194



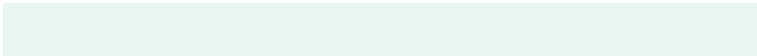
47.7902, 0.3489, 0.3450

Sweetspot

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



47.7922, 0.2903, 0.3385



90.5315, 0.3051, 0.3320



47.5120, 0.3166, 0.3775



19.8166, 0.3043, 0.3323



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



47.7922, 0.2903, 0.3385



84.1468, 0.2857, 0.3408



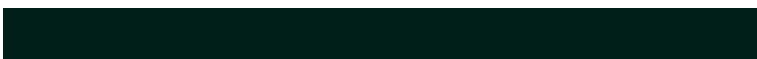
43.9065, 0.2847, 0.3153



10.7759, 0.3011, 0.3336



26.0054, 0.2426, 0.3934



1.0271, 0.2378, 0.3762

Inverse Universe

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



37.4834, 0.3410, 0.3197



62.2998, 0.3488, 0.3176



40.7089, 0.3456, 0.3423



9.5668, 0.3258, 0.3244



7.3817, 0.6049, 0.3106



0.2986, 0.5392, 0.2744

Previews

White Background



This preview shows how the Yxy color 47.7902, 0.2903, 0.3385 looks on a white background.

Color Contrast Check

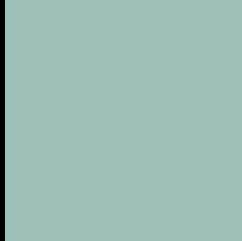
Large Text (above 18pt) WCAG AA × Fail

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 47.7902, 0.2903, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

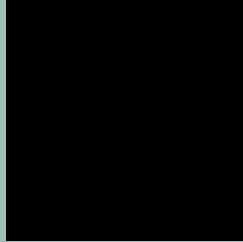
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

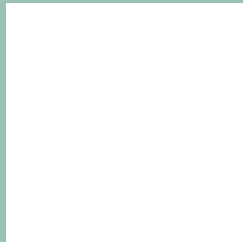
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.7902, 0.2903, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 47.7902, 0.2903, 0.3385.



This preview shows how white text looks on a background with the Yxy color 47.7902, 0.2903, 0.3385.

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

47.7902, 0.2903, 0.3385

Protanopia

47.8130, 0.3202, 0.3342

Deuteranopia

47.5708, 0.3237, 0.3179



Tritanopia

47.7518, 0.2801, 0.3092

Trichromacy



Original Color

47.7902, 0.2903, 0.3385

Protanomaly

47.6841, 0.3083, 0.3356

Deuteranomaly

47.4794, 0.3104, 0.3251

Tritanomaly

47.7516, 0.2842, 0.3196

Monochromacy



Original Color

47.7902, 0.2903, 0.3385

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.2751, 0.3042, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7902, 0.2903, 0.3385 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(156, 191, 184)` looks like.

```
.text, #text, p{  
    color:rgb(156, 191, 184)  
}
```

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(156, 191, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 191, 184) }
```

Border

The CSS property to change the border of an element to Yxy 47.7902, 0.2903, 0.3385 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(156, 191, 184) }
```

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

```
.border{ border-color:rgb(156, 191, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 191, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 191, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 191, 184); box-shadow:4px 4px 4px 4px rgb(156, 191, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7902, 0.2903, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 191, 184) }
```

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

```
.background{ background-color: rgb(156,  
191, 184) }
```

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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