

Converting Colors

$Yxy(46.1662, 0.2909, 0.3388)$

Have a look what the booklet for
Yxy(46.1662, 0.2909, 0.3388)
contains.

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Color

Yxy(46.1727, 0.2908, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	9ABC B5
RGB	154, 188, 181
RGB Percent	60%, 74%, 71%
CMY	0.3959, 0.2628, 0.2902
CMYK	0.18, 0.00, 0.04, 0.26
HSL	168°, 20%, 67%
HSV	168°, 18%, 74%
XYZ	39.6545, 46.1727, 50.5363
YIQ	177.0360, -18.0170, -9.3850

Conversions

Conversions Part 2

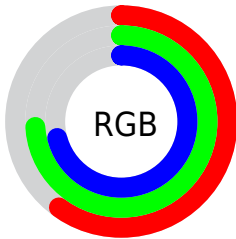
Format	Color
RYB	154, 173, 188
Decimal	10140853
CIELab	73.66, -12.84, -0.27
CIELCh	74, 12.845, 181.196
Yxy	46.1727, 0.2908, 0.3386
Android (android.graphics.Color)	4288330933 (0xFF9ABC B5)
YUV	177.0360, 1.9543, -20.2026
Hunter-Lab	67.9505, -14.7444, 3.4700

Details

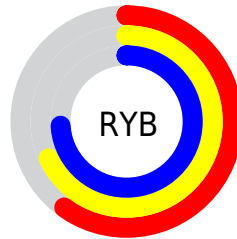
The Yxy color **46.1727, 0.2908, 0.3386** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3880, 0.3403, 0.3196**, and the grayscale version is **43.9869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3711, 0.2948, 0.3364**, and **21.7112, 0.2845, 0.3424** is the 20% darker color. If you saturate the color by 10%, you get **44.3147, 0.2796, 0.3446**, and if you desaturate by 10%, it is **48.3278, 0.3027, 0.3331**.

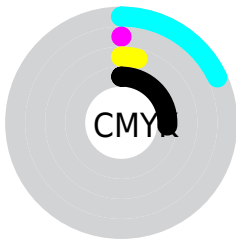
Distribution



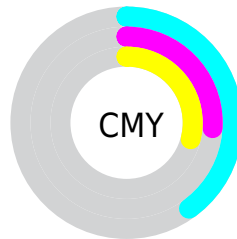
- Red (60%)
- Green (74%)
- Blue (71%)



- Red (60%)
- Yellow (68%)
- Blue (74%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)




- Cyan (40%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1727, 0.2908, 0.3386 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 46.1727, 0.2908, 0.3386 by changing the saturation by 10% instead.


 46.1727, 0.2908,
0.3386


 46.1727, 0.2908,
0.3386


371.5025, 0.3018,
0.3338

 32.3821, 0.2881,
0.3398


 84.4774, 0.2948,
0.3369

 21.6535, 0.2845,
0.3413


 109.7603, 0.2963,
0.3362

 13.6025, 0.2799,
0.3434


139.6428, 0.2975,
0.3357

 7.8448, 0.2733,
0.3462

174.5092, 0.2986,
0.3352

 3.9958, 0.2635,
0.3504

214.7440, 0.2996,
0.3348

 1.6712, 0.2473,
0.3574

260.7316, 0.3004,

 0.4049, 0.0762,

0.3344

0.4326

312.8563, 0.3011,
0.3341

0.0000, 0.0000,
0.0000

46.1727, 0.2908,
0.3386

46.1727, 0.2908,
0.3386

44.3147, 0.2796,
0.3446

48.3278, 0.3027,
0.3331

42.7348, 0.2695,
0.3511

50.7870, 0.3151,
0.3281

41.4202, 0.2608,
0.3579

53.5638, 0.3278,
0.3236

40.3552, 0.2536,
0.3651

56.6696, 0.3405,
0.3196

39.5222, 0.2482,
0.3725

60.1150, 0.3531,
0.3160

■ 38.9015, 0.2447,
0.3800

■ 61.5964, 0.3557,
0.3123

■ 38.4697, 0.2432,
0.3875

■ 61.7850, 0.3525,
0.3084

■ 38.1907, 0.2433,
0.3949

■ 61.9782, 0.3493,
0.3044

■ 38.1431, 0.2434,
0.3963

■ 62.1760, 0.3461,
0.3005

Harmonies

Analogous

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



46.1727, 0.3070, 0.3530



46.1727, 0.2908, 0.3386



46.1727, 0.2805, 0.3218

Triad

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



46.1727, 0.2908, 0.3386



46.1727, 0.2997, 0.2996



46.1727, 0.3480, 0.3491

Complementary

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



46.1727, 0.2908, 0.3386



36.3880, 0.3403, 0.3196

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.



46.1727, 0.3460, 0.3347



46.1727, 0.2908, 0.3386



46.1727, 0.3177, 0.3067

Square

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



46.1727, 0.2908, 0.3386



46.1727, 0.2855, 0.2998



46.1727, 0.3348, 0.3193



46.1727, 0.3402, 0.3587

Rectangle

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



46.1727, 0.2908, 0.3386



46.1727, 0.2783, 0.3119



46.1727, 0.3348, 0.3193



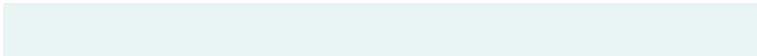
46.1727, 0.3484, 0.3446

Sweetspot

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



46.1746, 0.2908, 0.3386



88.8610, 0.3064, 0.3315



45.9173, 0.3165, 0.3766



19.0438, 0.3055, 0.3319



95.5105, 0.3127, 0.3290



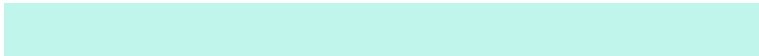
19.5994, 0.3127, 0.3290

Same Dimension

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



46.1746, 0.2908, 0.3386



82.1763, 0.2859, 0.3411



42.4941, 0.2852, 0.3156



10.7749, 0.3012, 0.3338



25.9818, 0.2432, 0.3954



1.0264, 0.2382, 0.3776

Inverse Universe

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



36.3880, 0.3403, 0.3196



60.8800, 0.3485, 0.3173



39.4536, 0.3449, 0.3420



9.5677, 0.3257, 0.3243



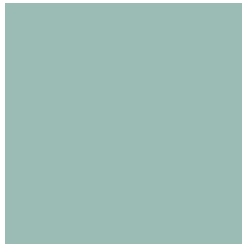
7.3867, 0.6033, 0.3097



0.2990, 0.5369, 0.2732

Previews

White Background



This preview shows how the Yxy color 46.1727, 0.2908, 0.3386 looks on a white background.

Color Contrast Check

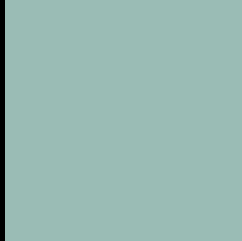
Large Text (above 18pt) WCAG AA × Fail

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 46.1727, 0.2908, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

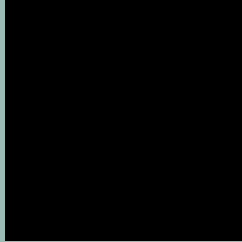
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

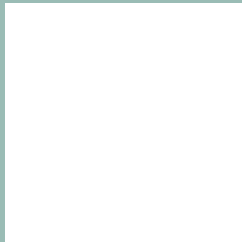
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1727, 0.2908, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 46.1727, 0.2908, 0.3386.



This preview shows how white text looks on a background with the Yxy color 46.1727, 0.2908, 0.3386.

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

46.1727, 0.2908, 0.3386

Protanopia

46.0914, 0.3203, 0.3342

Deuteranopia

45.8564, 0.3239, 0.3177



Tritanopia

46.1372, 0.2804, 0.3089

Trichromacy



Original Color

46.1727, 0.2908, 0.3386

Protanomaly

46.0800, 0.3090, 0.3357

Deuteranomaly

45.8852, 0.3112, 0.3251

Tritanomaly

46.1362, 0.2845, 0.3195

Monochromacy



Original Color

46.1727, 0.2908, 0.3386

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.6971, 0.3049, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1727, 0.2908, 0.3386 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(154, 188, 181)` looks like.

```
.text, #text, p{  
    color:rgb(154, 188, 181)  
}
```

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(154, 188, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 188, 181) }
```

Border

The CSS property to change the border of an element to Yxy 46.1727, 0.2908, 0.3386 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(154, 188, 181) }
```

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

```
.border{ border-color:rgb(154, 188, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 188, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 188, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 188, 181);  
box-shadow:4px 4px 4px 4px rgb(154, 188,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1727, 0.2908, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 188, 181) }
```

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

```
.background{ background-color: rgb(154,  
188, 181) }
```

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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