

Converting Colors

$Yxy(46.5119, 0.2924, 0.3372)$

Have a look what the booklet for
Yxy(46.5119, 0.2924, 0.3372)
contains.

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Color

Yxy(46.5119, 0.2924, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	9DBC6
RGB	157, 188, 182
RGB Percent	62%, 74%, 71%
CMY	0.3842, 0.2627, 0.2864
CMYK	0.16, 0.00, 0.03, 0.26
HSL	168°, 19%, 68%
HSV	168°, 16%, 74%
XYZ	40.3324, 46.5119, 51.0914
YIQ	178.0470, -16.5500, -8.4380

Conversions

Conversions Part 2

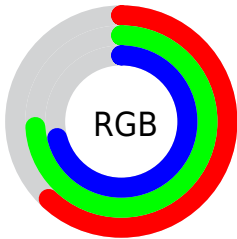
Format	Color
RYB	157, 174, 188
Decimal	10337462
CIELab	73.88, -11.67, -0.46
CIElCh	74, 11.678, 182.235
Yxy	46.5119, 0.2924, 0.3372
Android (android.graphics.Color)	4288527542 (0xFF9DBC6)
YUV	178.0470, 1.9488, -18.4582
Hunter-Lab	68.1996, -13.7868, 3.3230

Details

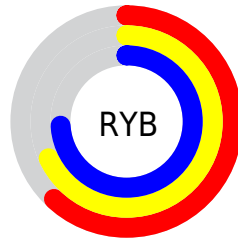
The Yxy color **46.5119, 0.2924, 0.3372** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.4608, 0.3377, 0.3210**, and the grayscale version is **44.5453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8715, 0.2960, 0.3353**, and **21.9162, 0.2865, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **44.6163, 0.2810, 0.3428**, and if you desaturate by 10%, it is **48.7063, 0.3046, 0.3321**.

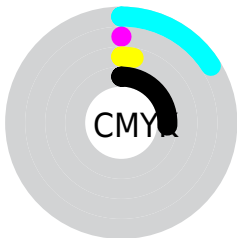
Distribution



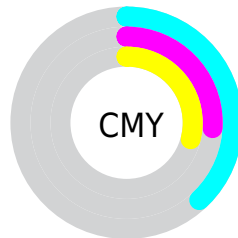
- Red (62%)
- Green (74%)
- Blue (71%)



- Red (62%)
- Yellow (68%)
- Blue (74%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)





- Cyan (38%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.5119, 0.2924, 0.3372 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 46.5119, 0.2924, 0.3372 by changing the saturation by 10% instead.


 46.5119, 0.2924,
0.3372

 46.5119, 0.2924,
0.3372


372.8629, 0.3025,
0.3331

 32.6500, 0.2899,
0.3382

 84.9846, 0.2961,
0.3357

 21.8584, 0.2866,
0.3395


 110.3641, 0.2975,
0.3352

 13.7529, 0.2823,
0.3412

140.3516, 0.2986,
0.3347

 7.9490, 0.2763,
0.3436

175.3315, 0.2996,
0.3343

 4.0623, 0.2672,
0.3472

215.6882, 0.3005,
0.3339

 1.7085, 0.2523,
0.3530

261.8061, 0.3013,

 0.4291, 0.1170,

0.3336

0.4082

314.0695, 0.3019,
0.3334

0.0000, 0.0000,
0.0000

46.5119, 0.2924,
0.3372

46.5119, 0.2924,
0.3372

44.6163, 0.2810,
0.3428

48.7063, 0.3046,
0.3321

43.0005, 0.2706,
0.3488

51.2061, 0.3172,
0.3274

41.6520, 0.2615,
0.3552


54.0250, 0.3301,
0.3232

40.5552, 0.2539,
0.3619

57.1741, 0.3430,
0.3195


39.6929, 0.2482,
0.3688

60.6639, 0.3557,
0.3163

 39.0458, 0.2443,
0.3759


 61.5832, 0.3560,
0.3126

 38.5912, 0.2423,
0.3829

 61.7609, 0.3529,
0.3089

 38.2993, 0.2422,
0.3899

 61.9427, 0.3499,
0.3052

 38.2143, 0.2423,
0.3924

 62.1286, 0.3469,
0.3015

Harmonies

Analogous

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



46.5119, 0.3070, 0.3503



46.5119, 0.2924, 0.3372



46.5119, 0.2833, 0.3221

Triad

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



46.5119, 0.2924, 0.3372



46.5119, 0.3014, 0.3023



46.5119, 0.3446, 0.3477

Complementary

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



46.5119, 0.2924, 0.3372



37.4608, 0.3377, 0.3210

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.



46.5119, 0.3431, 0.3347



46.5119, 0.2924, 0.3372



46.5119, 0.3178, 0.3090

Square

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



46.5119, 0.2924, 0.3372



46.5119, 0.2884, 0.3023



46.5119, 0.3332, 0.3207



46.5119, 0.3373, 0.3561

Rectangle

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



46.5119, 0.2924, 0.3372



46.5119, 0.2814, 0.3131



46.5119, 0.3332, 0.3207



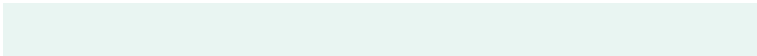
46.5119, 0.3451, 0.3437

Sweetspot

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



46.5138, 0.2924, 0.3372



88.8694, 0.3063, 0.3314



46.2120, 0.3158, 0.3721



19.0459, 0.3054, 0.3317



95.5105, 0.3127, 0.3290



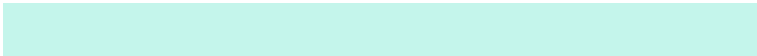
19.5994, 0.3127, 0.3290

Same Dimension

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



46.5138, 0.2924, 0.3372



82.9119, 0.2879, 0.3393



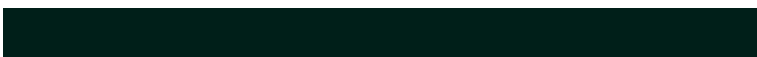
42.9252, 0.2876, 0.3161



10.7768, 0.3010, 0.3335



26.0285, 0.2421, 0.3915



1.0279, 0.2374, 0.3747

Inverse Universe

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



37.4608, 0.3377, 0.3210



63.2100, 0.3450, 0.3190



40.5152, 0.3416, 0.3415



9.5659, 0.3258, 0.3246



7.3770, 0.6064, 0.3114



0.2982, 0.5415, 0.2757

Previews

White Background



This preview shows how the Yxy color 46.5119, 0.2924, 0.3372 looks on a white background.

Color Contrast Check

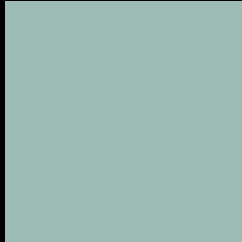
Large Text (above 18pt) WCAG AA × Fail

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 46.5119, 0.2924, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

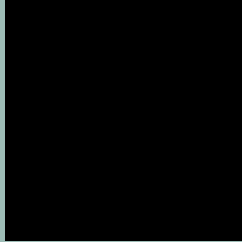
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

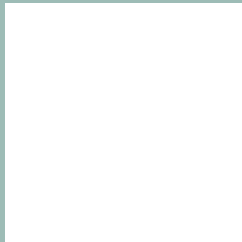
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.5119, 0.2924, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 46.5119, 0.2924, 0.3372.



This preview shows how white text looks on a background with the Yxy color 46.5119, 0.2924, 0.3372.

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

46.5119, 0.2924, 0.3372

Protanopia

46.1712, 0.3186, 0.3316

Deuteranopia

46.4238, 0.3238, 0.3178



Tritanopia

46.3416, 0.2819, 0.3090

Trichromacy



Original Color

46.5119, 0.2924, 0.3372

Protanomaly

46.2356, 0.3091, 0.3343

Deuteranomaly

46.0483, 0.3112, 0.3238

Tritanomaly

46.3390, 0.2860, 0.3195

Monochromacy



Original Color

46.5119, 0.2924, 0.3372

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.2566, 0.3050, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5119, 0.2924, 0.3372 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, 188, 182)` looks like.

```
.text, #text, p{  
    color:rgb(157, 188, 182)  
}
```

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, 188, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 188, 182) }
```

Border

The CSS property to change the border of an element to Yxy 46.5119, 0.2924, 0.3372 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, 188, 182) }
```

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

```
.border{ border-color:rgb(157, 188, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 188, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 188, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 188, 182); box-shadow:4px 4px 4px 4px rgb(157, 188, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5119, 0.2924, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 188, 182) }
```

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

```
.background{ background-color: rgb(157,  
188, 182) }
```

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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