

Converting Colors

$Yxy(41.9127, 0.2875, 0.3510)$

Have a look what the booklet for
Yxy(41.9127, 0.2875, 0.3510)
contains.

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Color

Yxy(42.0974, 0.2875, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	8AB7A8
RGB	138, 183, 168
RGB Percent	54%, 72%, 66%
CMY	0.4589, 0.2823, 0.3411
CMYK	0.25, 0.00, 0.08, 0.28
HSL	160°, 24%, 63%
HSV	160°, 25%, 72%
XYZ	34.4815, 42.0974, 43.3567
YIQ	167.8350, -22.0050, -14.2050

Conversions

Conversions Part 2

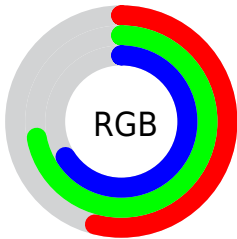
Format	Color
R _Y B	138, 165, 183
Decimal	9090984
CIE Lab	70.94, -18.13, 2.75
CIE LCh	71, 18.337, 171.363
Yxy	42.0974, 0.2875, 0.3510
Android (android.graphics.Color)	4287281064 (0xFF8AB7A8)
YUV	167.8350, 0.0813, -26.1653
Hunter-Lab	64.8825, -18.6814, 5.7981

Details

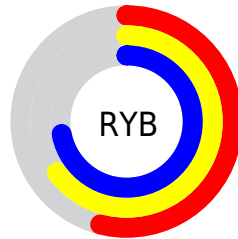
The Yxy color **42.0974, 0.2875, 0.3510** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.5414, 0.3467, 0.3081**, and the grayscale version is **39.0804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2672, 0.2922, 0.3469**, and **19.2525, 0.2802, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **40.4456, 0.2784, 0.3614**, and if you desaturate by 10%, it is **44.0263, 0.2974, 0.3414**.

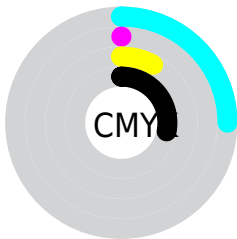
Distribution



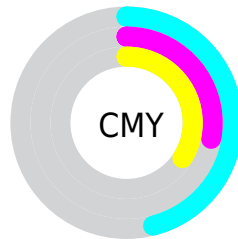
- Red (54%)
- Green (72%)
- Blue (66%)



- Red (54%)
- Yellow (65%)
- Blue (72%)



- Cyan (25%)
- Magenta (0%)
- Yellow (8%)
- Black (28%)





- Cyan (46%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0974, 0.2875, 0.3510 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 42.0974, 0.2875, 0.3510 by changing the saturation by 10% instead.


 42.0974, 0.2875,
0.3510


 42.0974, 0.2875,
0.3510


354.8865, 0.3004,
0.3397

 29.1776, 0.2842,
0.3539


 78.3470, 0.2922,
0.3468

 19.2152, 0.2799,
0.3578


 102.4456, 0.2940,
0.3453

 11.8259, 0.2741,
0.3630


 131.0392, 0.2955,
0.3440

 6.6252, 0.2658,
0.3706

164.5122, 0.2968,
0.3429

 3.2288, 0.2529,
0.3824

203.2491, 0.2978,
0.3419

 1.2523, 0.2288,
0.4045

247.6342, 0.2988,

 0.1038, 0.0000,

0.3411

1.0000

298.0518, 0.2996,
0.3403

0.0000, 0.0000,
0.0000

42.0974, 0.2875,
0.3510

42.0974, 0.2875,
0.3510

40.4456, 0.2784,
0.3614

44.0263, 0.2974,
0.3414

39.0525, 0.2703,
0.3727

46.2395, 0.3078,
0.3327

37.9052, 0.2637,
0.3845

48.7504, 0.3185,
0.3249

36.9878, 0.2587,
0.3969

51.5700, 0.3293,
0.3179

36.2827, 0.2555,
0.4095

54.7085, 0.3399,
0.3117

■ 35.7690, 0.2543,
0.4223

■ 58.1761, 0.3503,
0.3063

■ 35.4221, 0.2551,
0.4349

■ 59.8170, 0.3512,
0.3006

■ 35.2753, 0.2560,
0.4416

■ 60.1280, 0.3461,
0.2945

■ 60.4508, 0.3411,
0.2885

Harmonies

Analogous

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



42.0974, 0.3128, 0.3699



42.0974, 0.2875, 0.3510



42.0974, 0.2694, 0.3260

Triad

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



42.0974, 0.2875, 0.3510



42.0974, 0.2858, 0.2851



42.0974, 0.3655, 0.3514

Complementary

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



42.0974, 0.2875, 0.3510



30.5414, 0.3467, 0.3081

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.



42.0974, 0.3578, 0.3294



42.0974, 0.2875, 0.3510



42.0974, 0.3109, 0.2923

Square

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



42.0974, 0.2875, 0.3510



42.0974, 0.2684, 0.2887



42.0974, 0.3375, 0.3082



42.0974, 0.3584, 0.3688

Rectangle

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



42.0974, 0.2875, 0.3510



42.0974, 0.2635, 0.3101



42.0974, 0.3375, 0.3082



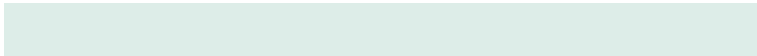
42.0974, 0.3646, 0.3443

Sweetspot

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



42.0991, 0.2875, 0.3510



81.7614, 0.3052, 0.3348



42.4758, 0.3223, 0.3950



18.0050, 0.3045, 0.3353



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.0991, 0.2875, 0.3510



73.5896, 0.2820, 0.3571



39.6776, 0.2761, 0.3180



10.1584, 0.3028, 0.3367



24.6200, 0.2556, 0.4401



0.8789, 0.2466, 0.4079

Inverse Universe

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



30.5414, 0.3467, 0.3081



49.0096, 0.3576, 0.3028



32.3042, 0.3609, 0.3397



9.0603, 0.3237, 0.3214



7.2695, 0.5608, 0.2863



0.2681, 0.4869, 0.2456

Previews

White Background



This preview shows how the Yxy color 42.0974, 0.2875, 0.3510 looks on a white background.

Color Contrast Check

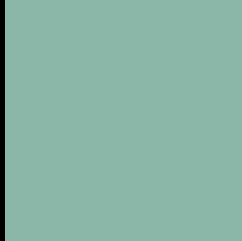
Large Text (above 18pt) WCAG AA × Fail

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 42.0974, 0.2875, 0.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

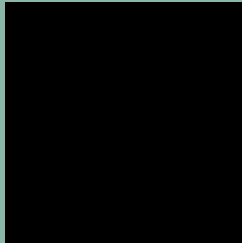
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

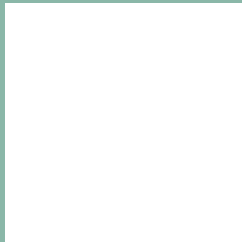
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0974, 0.2875, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 42.0974, 0.2875, 0.3510.



This preview shows how white text looks on a background with the Yxy color 42.0974, 0.2875, 0.3510.

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

42.0974, 0.2875, 0.3510

Protanopia

41.6974, 0.3276, 0.3426

Deuteranopia

41.5249, 0.3307, 0.3238



Tritanopia

41.9749, 0.2727, 0.3079

Trichromacy



Original Color

42.0974, 0.2875, 0.3510

Protanomaly

41.6235, 0.3119, 0.3459

Deuteranomaly

41.4473, 0.3134, 0.3331

Tritanomaly

41.8080, 0.2775, 0.3218

Monochromacy



Original Color

42.0974, 0.2875, 0.3510

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.8824, 0.3027, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0974, 0.2875, 0.3510 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(138, 183, 168)` looks like.

```
.text, #text, p{  
    color:rgb(138, 183, 168)  
}
```

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(138, 183, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 183, 168) }
```

Border

The CSS property to change the border of an element to Yxy 42.0974, 0.2875, 0.3510 is called "border". The border property can be set on classes, ids or directly on the HTML element.

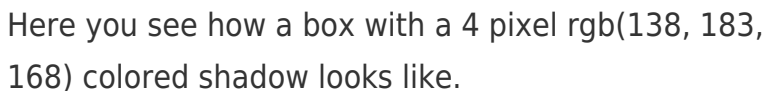
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 183, 168) }
```

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

```
.border{ border-color:rgb(138, 183, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 183, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 183, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 183, 168); box-shadow:4px 4px 4px 4px rgb(138, 183, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0974, 0.2875, 0.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 183, 168) }
```

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

```
.background{ background-color: rgb(138,  
183, 168) }
```

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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