

Converting Colors

$Yxy(42.9007, 0.3050, 0.3540)$

Have a look what the booklet for
Yxy(42.9007, 0.3050, 0.3540)
contains.

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Color

Yxy(42.7960, 0.3048, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	9CB5A4
RGB	156, 181, 164
RGB Percent	61%, 71%, 64%
CMY	0.3883, 0.2902, 0.3568
CMYK	0.14, 0.00, 0.09, 0.29
HSL	139°, 14%, 66%
HSV	139°, 14%, 71%
XYZ	36.9315, 42.7960, 41.4389
YIQ	171.5870, -9.4430, -10.5870

Conversions

Conversions Part 2

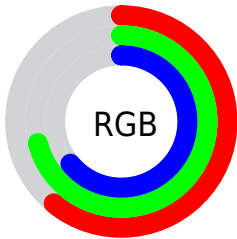
Format	Color
RYB	156, 175, 181
Decimal	10270116
CIELab	71.42, -11.94, 5.78
CIELCh	71, 13.263, 154.161
Yxy	42.7960, 0.3048, 0.3532
Android (android.graphics.Color)	4288460196 (0xFF9CB5A4)
YUV	171.5870, -3.7404, -13.6698
Hunter-Lab	65.4187, -13.7120, 8.2363

Details

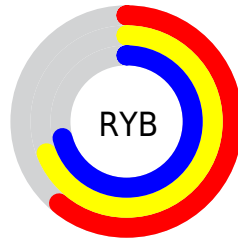
The Yxy color **42.7960, 0.3048, 0.3532** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.6094, 0.3216, 0.3060**, and the grayscale version is **41.0571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5317, 0.3065, 0.3486**, and **19.6115, 0.3032, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **40.7020, 0.2992, 0.3732**, and if you desaturate by 10%, it is **45.2056, 0.3105, 0.3353**.

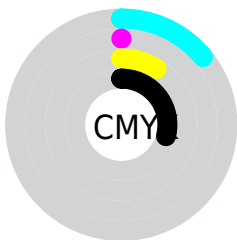
Distribution



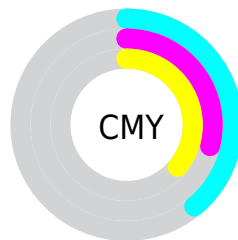
- Red (61%)
- Green (71%)
- Blue (64%)



- Red (61%)
- Yellow (69%)
- Blue (71%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)





- Cyan (39%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7960, 0.3048, 0.3532 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 42.7960, 0.3048, 0.3532 by changing the saturation by 10% instead.

 42.7960, 0.3048,
0.3532

 42.7960, 0.3048,
0.3532

357.7721, 0.3089,
0.3407

 29.7251, 0.3037,
0.3564


 79.4029, 0.3063,
0.3486

 19.6300, 0.3023,
0.3607


 103.7077, 0.3069,
0.3469

 12.1264, 0.3003,
0.3665


132.5259, 0.3074,
0.3454

 6.8298, 0.2975,
0.3749

166.2420, 0.3078,
0.3442

 3.3559, 0.2929,
0.3882

205.2402, 0.3081,
0.3432

 1.3202, 0.2846,
0.4121

249.9051, 0.3084,

 0.1568, 0.0000,

0.3422

1.0000

300.6209, 0.3087,
0.3414

0.0000, 0.0000,
0.0000

42.7960, 0.3048,
0.3532

42.7960, 0.3048,
0.3532

40.7020, 0.2992,
0.3732

45.2056, 0.3105,
0.3353

38.9051, 0.2940,
0.3953

47.9378, 0.3162,
0.3195

37.3932, 0.2894,
0.4193

51.0059, 0.3218,
0.3056

36.1510, 0.2857,
0.4446

54.4209, 0.3271,
0.2934

35.1619, 0.2833,
0.4707

58.1934, 0.3322,
0.2828

■ 34.4075, 0.2823,
0.4964

■ 60.4710, 0.3293,
0.2722

■ 33.8665, 0.2831,
0.5206

■ 61.2175, 0.3198,
0.2609

■ 33.5136, 0.2855,
0.5423

■ 61.5319, 0.3161,
0.2566

■ 33.3582, 0.2873,
0.5542

Harmonies

Analogous

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



42.7960, 0.3240, 0.3619



42.7960, 0.3048, 0.3532



42.7960, 0.2881, 0.3374

Triad

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



42.7960, 0.3048, 0.3532



42.7960, 0.2851, 0.2977



42.7960, 0.3487, 0.3366

Complementary

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



42.7960, 0.3048, 0.3532



36.6094, 0.3216, 0.3060

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.



42.7960, 0.3376, 0.3203



42.7960, 0.3048, 0.3532



42.7960, 0.3007, 0.2983

Square

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



42.7960, 0.3048, 0.3532



42.7960, 0.2770, 0.3053



42.7960, 0.3199, 0.3065



42.7960, 0.3497, 0.3515

Rectangle

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



42.7960, 0.3048, 0.3532



42.7960, 0.2805, 0.3255



42.7960, 0.3199, 0.3065



42.7960, 0.3460, 0.3311

Sweetspot

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



42.7978, 0.3048, 0.3532



80.8442, 0.3104, 0.3357



44.3449, 0.3260, 0.3634



17.3998, 0.3100, 0.3370



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.7978, 0.3048, 0.3532



75.2827, 0.3028, 0.3599



43.2684, 0.2954, 0.3354



9.5335, 0.3074, 0.3449



23.0050, 0.2867, 0.5519



0.7348, 0.2700, 0.4920

Inverse Universe

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



36.6094, 0.3216, 0.3060



61.7614, 0.3242, 0.3000



36.1510, 0.3333, 0.3227



8.5994, 0.3185, 0.3137



7.7698, 0.4208, 0.2092



0.2546, 0.3867, 0.1904

Previews

White Background



This preview shows how the Yxy color 42.7960, 0.3048, 0.3532 looks on a white background.

Color Contrast Check

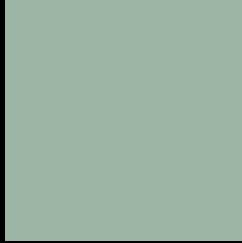
Large Text (above 18pt) WCAG AA × Fail

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 42.7960, 0.3048, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

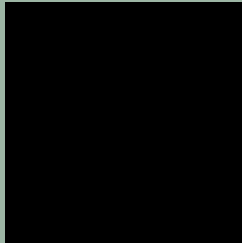
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

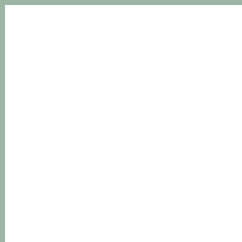
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.7960, 0.3048, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 42.7960, 0.3048, 0.3532.



This preview shows how white text looks on a background with the Yxy color 42.7960, 0.3048, 0.3532.

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

42.7960, 0.3048, 0.3532

Protanopia

42.6339, 0.3309, 0.3480

Deuteranopia

42.6353, 0.3377, 0.3317



Tritanopia

42.7829, 0.2885, 0.3099

Trichromacy



Original Color

42.7960, 0.3048, 0.3532

Protanomaly

42.7881, 0.3214, 0.3511

Deuteranomaly

42.3436, 0.3249, 0.3385

Tritanomaly

42.5479, 0.2943, 0.3248

Monochromacy



Original Color

42.7960, 0.3048, 0.3532

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.6315, 0.3097, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7960, 0.3048, 0.3532 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, 181, 164)` looks like.

```
.text, #text, p{  
    color:rgb(156, 181, 164)  
}
```

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, 181, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 181, 164) }
```

Border

The CSS property to change the border of an element to Yxy 42.7960, 0.3048, 0.3532 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, 181, 164) }
```

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

```
.border{ border-color:rgb(156, 181, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 181, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 181, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 181, 164);  
box-shadow:4px 4px 4px 4px rgb(156, 181,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7960, 0.3048, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 181, 164) }
```

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

```
.background{ background-color: rgb(156,  
181, 164) }
```

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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