

Converting Colors

$Yxy(47.4984, 0.3045, 0.3552)$

Have a look what the booklet for
Yxy(47.4984, 0.3045, 0.3552)
contains.

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Color

Yxy(47.4486, 0.3042, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	A2BEAB
RGB	162, 190, 171
RGB Percent	64%, 75%, 67%
CMY	0.3649, 0.2548, 0.3294
CMYK	0.15, 0.00, 0.10, 0.25
HSL	139°, 18%, 69%
HSV	139°, 15%, 75%
XYZ	40.6588, 47.4486, 45.5507
YIQ	179.4620, -10.5890, -11.8450

Conversions

Conversions Part 2

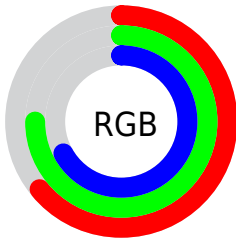
Format	Color
R _Y B	162, 183, 190
Decimal	10665643
CIE Lab	74.48, -13.24, 6.41
CIE LCh	74, 14.713, 154.161
Yxy	47.4486, 0.3042, 0.3550
Android (android.graphics.Color)	4288855723 (0xFFA2BEAB)
YUV	179.4620, -4.1718, -15.3142
Hunter-Lab	68.8829, -15.1839, 9.0110

Details

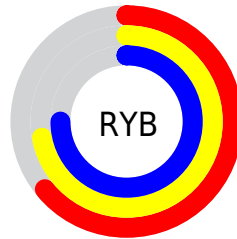
The Yxy color $47.4486, 0.3042, 0.3550$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $40.1086, 0.3224, 0.3043$, and the grayscale version is $45.3632, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1542, 0.3060, 0.3501$, and $22.5382, 0.3014, 0.3632$ is the 20% darker color. If you saturate the color by 10%, you get $45.1423, 0.2986, 0.3753$, and if you desaturate by 10%, it is $50.1073, 0.3100, 0.3369$.

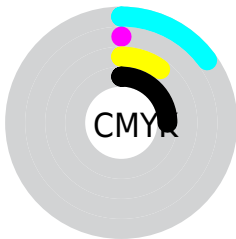
Distribution



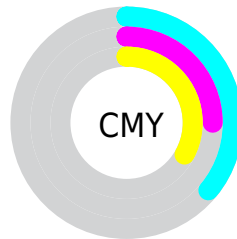
- Red (64%)
- Green (75%)
- Blue (67%)



- Red (64%)
- Yellow (72%)
- Blue (75%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)





- Cyan (36%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4486, 0.3042, 0.3550 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 47.4486, 0.3042, 0.3550 by changing the saturation by 10% instead.

 47.4486, 0.3042,
0.3550

 47.4486, 0.3042,
0.3550


376.6023, 0.3086,
0.3418

 33.3904, 0.3031,
0.3584


 86.3829, 0.3058,
0.3502

 22.4257, 0.3016,
0.3627

 112.0277, 0.3064,
0.3484

 14.1700, 0.2996,
0.3686


142.3036, 0.3069,
0.3468

 8.2390, 0.2968,
0.3770

177.5950, 0.3073,
0.3455

 4.2483, 0.2924,
0.3898

218.2861, 0.3077,
0.3444

 1.8134, 0.2846,
0.4119

264.7614, 0.3080,

 0.4955, 0.2011,

0.3434

0.6747

317.4054, 0.3083,
0.3426

0.0000, 0.0000,
0.0000

47.4486, 0.3042,
0.3550

47.4486, 0.3042,
0.3550

45.1423, 0.2986,
0.3753

50.1073, 0.3100,
0.3369

43.1676, 0.2934,
0.3976

53.1263, 0.3157,
0.3209

41.5107, 0.2888,
0.4217

56.5208, 0.3213,
0.3068

40.1542, 0.2852,
0.4472

60.3032, 0.3268,
0.2945

39.0793, 0.2829,
0.4732

64.1112, 0.3304,
0.2835

■ 38.2649, 0.2822,
0.4989

■ 64.8835, 0.3207,
0.2715

■ 37.6867, 0.2831,
0.5230

■ 65.3129, 0.3157,
0.2654

■ 37.3155, 0.2857,
0.5443

■ 37.1736, 0.2873,
0.5543

Harmonies

Analogous

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



47.4486, 0.3248, 0.3643



47.4486, 0.3042, 0.3550



47.4486, 0.2863, 0.3380

Triad

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



47.4486, 0.3042, 0.3550



47.4486, 0.2832, 0.2955



47.4486, 0.3513, 0.3370

Complementary

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



47.4486, 0.3042, 0.3550



40.1086, 0.3224, 0.3043

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.



47.4486, 0.3394, 0.3196



47.4486, 0.3042, 0.3550



47.4486, 0.2998, 0.2962

Square

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



47.4486, 0.3042, 0.3550



47.4486, 0.2745, 0.3035



47.4486, 0.3204, 0.3049



47.4486, 0.3524, 0.3530

Rectangle

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



47.4486, 0.3042, 0.3550



47.4486, 0.2782, 0.3251



47.4486, 0.3204, 0.3049



47.4486, 0.3484, 0.3312

Sweetspot

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



47.4506, 0.3042, 0.3550



91.1489, 0.3104, 0.3357



49.2794, 0.3269, 0.3660



19.9291, 0.3099, 0.3370



97.7402, 0.3127, 0.3290



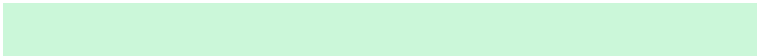
20.4902, 0.3127, 0.3290

Same Dimension

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



47.4506, 0.3042, 0.3550



84.4283, 0.3022, 0.3619



48.0070, 0.2942, 0.3359



10.6991, 0.3073, 0.3449



24.7273, 0.2866, 0.5519



0.9809, 0.2724, 0.5006

Inverse Universe

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



40.1086, 0.3224, 0.3043



68.3498, 0.3251, 0.2982



39.5680, 0.3350, 0.3223



9.6424, 0.3186, 0.3136



8.3419, 0.4219, 0.2098



0.3382, 0.3921, 0.1934

Previews

White Background



This preview shows how the Yxy color 47.4486, 0.3042, 0.3550 looks on a white background.

Color Contrast Check

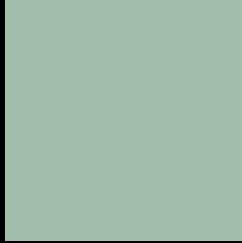
Large Text (above 18pt) WCAG AA × Fail

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 47.4486, 0.3042, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

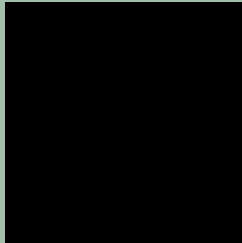
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

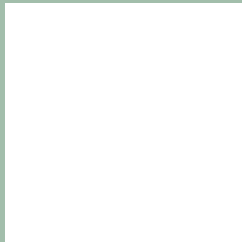
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4486, 0.3042, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 47.4486, 0.3042, 0.3550.



This preview shows how white text looks on a background with the Yxy color 47.4486, 0.3042, 0.3550.

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

47.4486, 0.3042, 0.3550

Protanopia

47.1931, 0.3318, 0.3485

Deuteranopia

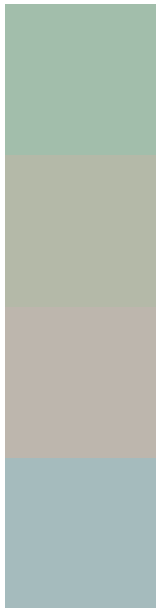
47.3376, 0.3393, 0.3328



Tritanopia

47.5034, 0.2872, 0.3106

Trichromacy



Original Color

47.4486, 0.3042, 0.3550

Protanomaly

47.2284, 0.3218, 0.3515

Deuteranomaly

47.2918, 0.3260, 0.3407

Tritanomaly

47.2141, 0.2935, 0.3263

Monochromacy



Original Color

47.4486, 0.3042, 0.3550

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.8858, 0.3097, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4486, 0.3042, 0.3550 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(162, 190, 171)` looks like.

```
.text, #text, p{  
    color:rgb(162, 190, 171)  
}
```

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(162, 190, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 190, 171) }
```

Border

The CSS property to change the border of an element to Yxy 47.4486, 0.3042, 0.3550 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(162, 190, 171) }
```

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

```
.border{ border-color:rgb(162, 190, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 190, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 190, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 190, 171);  
box-shadow:4px 4px 4px 4px rgb(162, 190,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4486, 0.3042, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 190, 171) }
```

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

```
.background{ background-color: rgb(162,  
190, 171) }
```

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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