

Converting Colors

$Yxy(47.3502, 0.3147, 0.3672)$

Have a look what the booklet for
Yxy(47.3502, 0.3147, 0.3672)
contains.

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Color

Yxy(47.5425, 0.3142, 0.3674)

Conversions

Conversions Part 1

Format	Color
Hex	A6BEA2
RGB	166, 190, 162
RGB Percent	65%, 75%, 64%
CMY	0.3490, 0.2549, 0.3648
CMYK	0.13, 0.00, 0.15, 0.25
HSL	111°, 18%, 69%
HSV	111°, 15%, 75%
XYZ	40.6583, 47.5425, 41.2018
YIQ	179.6320, -5.3160, -13.7960

Conversions

Conversions Part 2

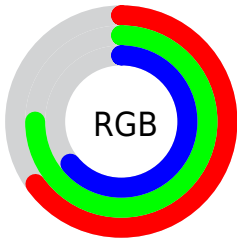
Format	Color
RYB	162, 190, 186
Decimal	10927778
CIELab	74.54, -13.50, 11.44
CIELCh	75, 17.693, 139.733
Yxy	47.5425, 0.3142, 0.3674
Android (android.graphics.Color)	4289117858 (0xFFA6BEA2)
YUV	179.6320, -8.6926, -11.9553
Hunter-Lab	68.9511, -15.4085, 12.8370

Details

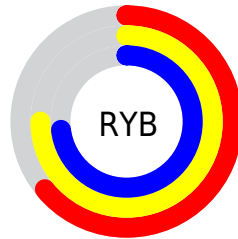
The Yxy color **47.5425, 0.3142, 0.3674** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.9850, 0.3107, 0.2926**, and the grayscale version is **45.4836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2934, 0.3138, 0.3597**, and **22.5945, 0.3147, 0.3802** is the 20% darker color. If you saturate the color by 10%, you get **45.2706, 0.3149, 0.3971**, and if you desaturate by 10%, it is **50.1431, 0.3132, 0.3406**.

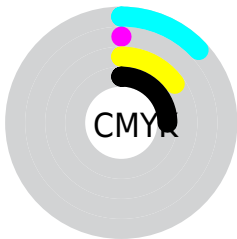
Distribution



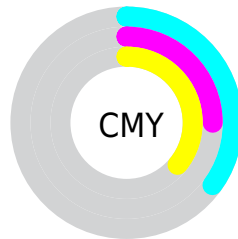
- Red (65%)
- Green (75%)
- Blue (64%)



- Red (64%)
- Yellow (75%)
- Blue (73%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5425, 0.3142, 0.3674 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 47.5425, 0.3142, 0.3674 by changing the saturation by 10% instead.


 47.5425, 0.3142,
0.3674


 47.5425, 0.3142,
0.3674


376.9758, 0.3137,
0.3478

 33.4647, 0.3143,
0.3724


 86.5228, 0.3141,
0.3602

 22.4827, 0.3143,
0.3789


 112.1942, 0.3140,
0.3575

 14.2120, 0.3142,
0.3877


142.4989, 0.3139,
0.3553

 8.2683, 0.3140,
0.4003

177.8213, 0.3139,
0.3533

 4.2671, 0.3133,
0.4195

218.5458, 0.3138,
0.3517

 1.8241, 0.3110,
0.4526

265.0568, 0.3138,

 0.5021, 0.2273,

0.3502

0.7727

317.7386, 0.3137,
0.3490

0.0000, 0.0000,
0.0000

47.5425, 0.3142,
0.3674

47.5425, 0.3142,
0.3674

45.2706, 0.3149,
0.3971

50.1431, 0.3132,
0.3406

43.3083, 0.3153,
0.4294

53.0784, 0.3121,
0.3170

41.6441, 0.3152,
0.4634

56.3618, 0.3109,
0.2962

40.2632, 0.3144,
0.4974

60.0044, 0.3097,
0.2781

39.1496, 0.3130,
0.5295

63.8888, 0.3099,
0.2642

■ 38.2856, 0.3109,
0.5573

■ 65.3101, 0.3157,
0.2653

■ 37.6514, 0.3082,
0.5785

■ 37.2240, 0.3052,
0.5920

■ 37.0672, 0.3039,
0.5969

Harmonies

Analogous

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



47.5425, 0.3381, 0.3726



47.5425, 0.3142, 0.3674



47.5425, 0.2905, 0.3505

Triad

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



47.5425, 0.3142, 0.3674



47.5425, 0.2710, 0.2921



47.5425, 0.3537, 0.3283

Complementary

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



47.5425, 0.3142, 0.3674



39.9850, 0.3107, 0.2926

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.



47.5425, 0.3344, 0.3087



47.5425, 0.3142, 0.3674



47.5425, 0.2866, 0.2881

Square

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



47.5425, 0.3142, 0.3674



47.5425, 0.2662, 0.3062



47.5425, 0.3097, 0.2942



47.5425, 0.3616, 0.3489

Rectangle

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



47.5425, 0.3142, 0.3674



47.5425, 0.2780, 0.3354



47.5425, 0.3097, 0.2942



47.5425, 0.3483, 0.3214

Sweetspot

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



47.5445, 0.3142, 0.3674



91.2063, 0.3132, 0.3389



48.5901, 0.3353, 0.3599



19.9439, 0.3132, 0.3408



97.7402, 0.3127, 0.3290



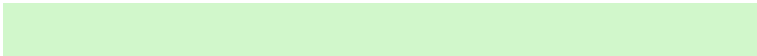
20.4902, 0.3127, 0.3290

Same Dimension

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



47.5445, 0.3142, 0.3674



84.6272, 0.3145, 0.3776



47.4787, 0.3036, 0.3539



10.7136, 0.3137, 0.3526



24.6666, 0.3045, 0.5965



0.9876, 0.3174, 0.5862

Inverse Universe

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



39.9850, 0.3107, 0.2926



68.0600, 0.3101, 0.2836



40.0817, 0.3231, 0.3053



9.6250, 0.3115, 0.3062



7.6553, 0.2853, 0.1345



0.3191, 0.2944, 0.1395

Previews

White Background



This preview shows how the Yxy color 47.5425, 0.3142, 0.3674 looks on a white background.

Color Contrast Check

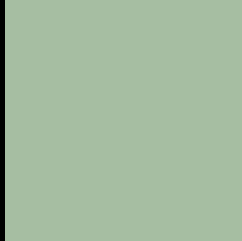
Large Text (above 18pt) WCAG AA × Fail

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 47.5425, 0.3142, 0.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

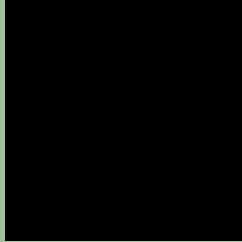
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

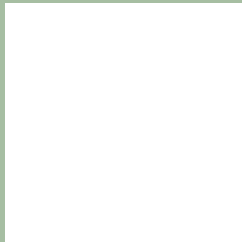
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5425, 0.3142, 0.3674

Background



This preview shows how black text looks on a background with the Yxy color 47.5425, 0.3142, 0.3674.



This preview shows how white text looks on a background with the Yxy color 47.5425, 0.3142, 0.3674.

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

47.5425, 0.3142, 0.3674

Protanopia

47.5421, 0.3409, 0.3614

Deuteranopia

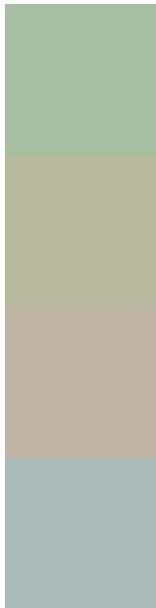
47.0327, 0.3501, 0.3427



Tritanopia

47.5921, 0.2917, 0.3108

Trichromacy



Original Color

47.5425, 0.3142, 0.3674

Protanomaly

47.6883, 0.3315, 0.3647

Deuteranomaly

46.9346, 0.3363, 0.3510

Tritanomaly

47.6319, 0.2996, 0.3303

Monochromacy



Original Color

47.5425, 0.3142, 0.3674

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.4121, 0.3137, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5425, 0.3142, 0.3674 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(166, 190, 162)` looks like.

```
.text, #text, p{  
    color:rgb(166, 190, 162)  
}
```

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(166, 190, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 190, 162) }
```

Border

The CSS property to change the border of an element to Yxy 47.5425, 0.3142, 0.3674 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(166, 190, 162) }
```

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

```
.border{ border-color:rgb(166, 190, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 190, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 190, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 190, 162); box-shadow:4px 4px 4px 4px rgb(166, 190, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5425, 0.3142, 0.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 190, 162) }
```

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

```
.background{ background-color: rgb(166,  
190, 162) }
```

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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