

Converting Colors

$Yxy(48.8384, 0.3126, 0.3662)$

Have a look what the booklet for
Yxy(48.8384, 0.3126, 0.3662)
contains.

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Color

Yxy(48.6314, 0.3126, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	A7C0A5
RGB	167, 192, 165
RGB Percent	65%, 75%, 65%
CMY	0.3450, 0.2471, 0.3528
CMYK	0.13, 0.00, 0.14, 0.25
HSL	116°, 18%, 70%
HSV	116°, 14%, 75%
XYZ	41.5814, 48.6314, 42.8052
YIQ	181.4470, -6.2330, -13.6970

Conversions

Conversions Part 2

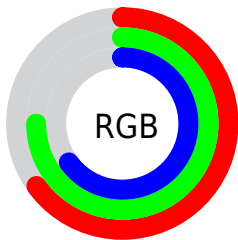
Format	Color
RYB	165, 192, 190
Decimal	10993829
CIELab	75.22, -13.63, 10.77
CIELCh	75, 17.367, 141.691
Yxy	48.6314, 0.3126, 0.3656
Android (android.graphics.Color)	4289183909 (0xFFA7C0A5)
YUV	181.4470, -8.1084, -12.6700
Hunter-Lab	69.7362, -15.6046, 12.4222

Details

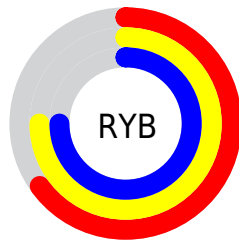
The Yxy color **48.6314, 0.3126, 0.3656** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.6750, 0.3125, 0.2946**, and the grayscale version is **46.5134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8317, 0.3126, 0.3584**, and **23.0141, 0.3127, 0.3760** is the 20% darker color. If you saturate the color by 10%, you get **46.1798, 0.3123, 0.3955**, and if you desaturate by 10%, it is **51.4586, 0.3127, 0.3389**.

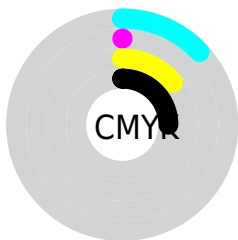
Distribution



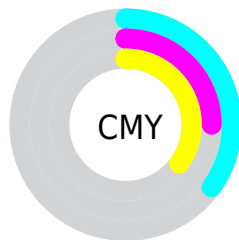
- Red (65%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6314, 0.3126, 0.3656 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 48.6314, 0.3126, 0.3656 by changing the saturation by 10% instead.


 48.6314, 0.3126,
0.3656


 48.6314, 0.3126,
0.3656

381.2894, 0.3129,
0.3470

 34.3272, 0.3125,
0.3703


 88.1438, 0.3127,
0.3588

 23.1451, 0.3123,
0.3765

 114.1207, 0.3128,
0.3562

 14.7007, 0.3119,
0.3847

144.7573, 0.3128,
0.3541

 8.6096, 0.3113,
0.3965

180.4380, 0.3128,
0.3523

 4.4874, 0.3100,
0.4144

221.5471, 0.3128,
0.3507

 1.9498, 0.3070,
0.4449

268.4692, 0.3129,

 0.5780, 0.2727,

0.3493


0.7273


321.5885, 0.3129,
0.3481

 0.0000, 0.0000,
0.0000


 48.6314, 0.3126,
0.3656


 48.6314, 0.3126,
0.3656


 46.1798, 0.3123,
0.3955


 51.4586, 0.3127,
0.3389


 44.0821, 0.3117,
0.4282


 54.6696, 0.3127,
0.3154


 42.3237, 0.3108,
0.4628

 58.2804, 0.3125,
0.2950

 40.8869, 0.3096,
0.4977

 62.3041, 0.3123,
0.2773

 39.7520, 0.3080,
0.5306

 66.1789, 0.3156,
0.2673

■ 38.8976, 0.3061,
0.5590

■ 38.2989, 0.3042,
0.5805

■ 37.9272, 0.3023,
0.5939

■ 37.7933, 0.3015,
0.5988

Harmonies

Analogous

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



48.6314, 0.3361, 0.3715



48.6314, 0.3126, 0.3656



48.6314, 0.2897, 0.3486

Triad

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



48.6314, 0.3126, 0.3656



48.6314, 0.2727, 0.2925



48.6314, 0.3535, 0.3297

Complementary

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



48.6314, 0.3126, 0.3656



41.6750, 0.3125, 0.2946

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.



48.6314, 0.3353, 0.3103



48.6314, 0.3126, 0.3656



48.6314, 0.2886, 0.2892

Square

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



48.6314, 0.3126, 0.3656



48.6314, 0.2673, 0.3057



48.6314, 0.3114, 0.2958



48.6314, 0.3603, 0.3496

Rectangle

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



48.6314, 0.3126, 0.3656



48.6314, 0.2778, 0.3338



48.6314, 0.3114, 0.2958



48.6314, 0.3485, 0.3229

Sweetspot

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



48.6335, 0.3126, 0.3656



93.2321, 0.3127, 0.3389



50.6433, 0.3339, 0.3606



19.9128, 0.3127, 0.3408



97.7402, 0.3127, 0.3290



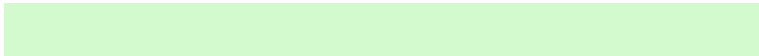
20.4902, 0.3127, 0.3290

Same Dimension

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



48.6335, 0.3126, 0.3656



86.6162, 0.3125, 0.3749



48.8463, 0.3028, 0.3502



11.2934, 0.3127, 0.3527



25.4445, 0.3019, 0.5985



1.1118, 0.3087, 0.5931

Inverse Universe

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



41.6750, 0.3125, 0.2946



71.4566, 0.3124, 0.2865



41.4531, 0.3241, 0.3087



10.2086, 0.3126, 0.3062



8.9338, 0.3027, 0.1441



0.3975, 0.3070, 0.1465

Previews

White Background



This preview shows how the Yxy color 48.6314, 0.3126, 0.3656 looks on a white background.

Color Contrast Check

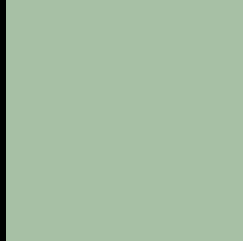
Large Text (above 18pt) WCAG AA × Fail

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 48.6314, 0.3126, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

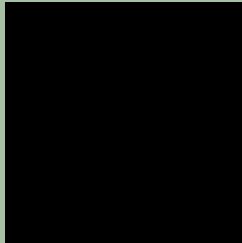
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6314, 0.3126, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 48.6314, 0.3126, 0.3656.



This preview shows how white text looks on a background with the Yxy color 48.6314, 0.3126, 0.3656.

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

48.6314, 0.3126, 0.3656

Protanopia

48.3235, 0.3400, 0.3585

Deuteranopia

48.2233, 0.3489, 0.3414



Tritanopia

48.6892, 0.2904, 0.3097

Trichromacy



Original Color

48.6314, 0.3126, 0.3656

Protanomaly

48.3396, 0.3298, 0.3619

Deuteranomaly

48.1263, 0.3352, 0.3495

Tritanomaly

48.7272, 0.2982, 0.3290

Monochromacy



Original Color

48.6314, 0.3126, 0.3656

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.0232, 0.3129, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6314, 0.3126, 0.3656 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(167, 192, 165)` looks like.

```
.text, #text, p{  
    color:rgb(167, 192, 165)  
}
```

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(167, 192, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 192, 165) }
```

Border

The CSS property to change the border of an element to Yxy 48.6314, 0.3126, 0.3656 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(167, 192, 165) }
```

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

```
.border{ border-color:rgb(167, 192, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 192, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 192, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 192, 165);  
box-shadow:4px 4px 4px 4px rgb(167, 192,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6314, 0.3126, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 192, 165) }
```

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

```
.background{ background-color: rgb(167,  
192, 165) }
```

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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