

Converting Colors

$Yxy(56.6459, 0.3114, 0.3728)$

Have a look what the booklet for
Yxy(56.6459, 0.3114, 0.3728)
contains.

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Color

Yxy(56.6414, 0.3114, 0.3728)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AECFAD |
| RGB | 174, 207, 173 |
| RGB Percent | 68%, 81%, 68% |
| CMY | 0.3176, 0.1882, 0.3215 |
| CMYK | 0.16, 0.00, 0.16, 0.19 |
| HSL | 118°, 26%, 75% |
| HSV | 118°, 16%, 81% |
| XYZ | 47.3126, 56.6414, 47.9811 |
| YIQ | 193.2570, -8.7540, -17.5700 |

Conversions

Conversions Part 2

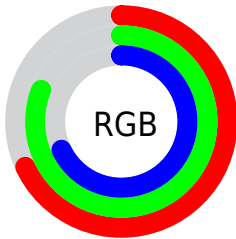
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 173, 207, 206 |
| Decimal | 11456429 |
| CIELab | 79.98, -17.43, 13.28 |
| CIELCh | 80, 21.918, 142.695 |
| Yxy | 56.6414, 0.3114, 0.3728 |
| Android (android.graphics.Color) | 4289646509 (0xFFFAECFAD) |
| YUV | 193.2570, -9.9867, -16.8884 |
| Hunter-Lab | 75.2605, -19.4916, 14.8830 |

Details

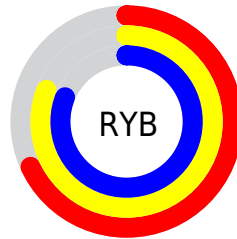
The Yxy color **56.6414, 0.3114, 0.3728** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.5218, 0.3138, 0.2886**, and the grayscale version is **53.5532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9444, 0.3127, 0.3565**, and **28.2279, 0.3101, 0.3851** is the 20% darker color. If you saturate the color by 10%, you get **53.7651, 0.3104, 0.4039**, and if you desaturate by 10%, it is **59.9921, 0.3123, 0.3450**.

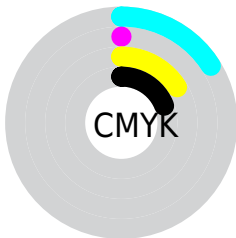
Distribution



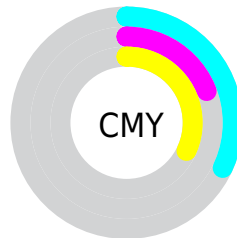
- Red (68%)
- Green (81%)
- Blue (68%)



- Red (68%)
- Yellow (81%)
- Blue (81%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)



- Cyan (32%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6414, 0.3114, 0.3728 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 56.6414, 0.3114, 0.3728 by changing the saturation by 10% instead.


 56.6414, 0.3114,
0.3728

 56.6414, 0.3114,
0.3728

412.1042, 0.3123,
0.3510

 40.7174, 0.3111,
0.3782

 99.9418, 0.3118,
0.3649

 28.0983, 0.3106,
0.3851


128.0869, 0.3119,
0.3619

 18.3998, 0.3100,
0.3943


161.0746, 0.3120,
0.3594

 11.2374, 0.3089,
0.4070

199.2891, 0.3121,
0.3573

 6.2267, 0.3069,
0.4257

243.1150, 0.3122,
0.3554

 2.9834, 0.3031,
0.4560

292.9365, 0.3122,

 1.1231, 0.3088,

0.3538

0.5556

349.1381, 0.3123,
0.3523

0.0000, 0.0000,
0.0000

56.6414, 0.3114,
0.3728

56.6414, 0.3114,
0.3728

53.7651, 0.3104,
0.4039

59.9921, 0.3123,
0.3450

51.3349, 0.3091,
0.4377

63.8296, 0.3129,
0.3207

49.3308, 0.3077,
0.4732

68.1748, 0.3135,
0.2995

47.7280, 0.3061,
0.5083

72.9927, 0.3145,
0.2821

46.4997, 0.3045,
0.5407

73.1070, 0.3149,
0.2821

■ 45.6154, 0.3030,
0.5675

■ 45.0400, 0.3017,
0.5866

■ 44.7305, 0.3007,
0.5971

■ 44.6659, 0.3005,
0.5996

Harmonies

Analogous

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



56.6414, 0.3397, 0.3803



56.6414, 0.3114, 0.3728



56.6414, 0.2843, 0.3517

Triad

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



56.6414, 0.3114, 0.3728



56.6414, 0.2655, 0.2850



56.6414, 0.3623, 0.3304

Complementary

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



56.6414, 0.3114, 0.3728



47.5218, 0.3138, 0.2886

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.



56.6414, 0.3407, 0.3074



56.6414, 0.3114, 0.3728



56.6414, 0.2846, 0.2818

Square

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



56.6414, 0.3114, 0.3728



56.6414, 0.2586, 0.3001



56.6414, 0.3120, 0.2900



56.6414, 0.3700, 0.3540

Rectangle

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



56.6414, 0.3114, 0.3728



56.6414, 0.2704, 0.3336



56.6414, 0.3120, 0.2900



56.6414, 0.3564, 0.3224

Sweetspot

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



56.6438, 0.3114, 0.3728



96.9331, 0.3124, 0.3415



60.3635, 0.3374, 0.3682



20.6589, 0.3123, 0.3433



0.0000, 0.0000, 0.0000



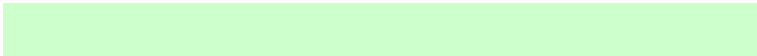
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6438, 0.3114, 0.3728



88.9276, 0.3110, 0.3843



57.1817, 0.2999, 0.3520



13.2224, 0.3120, 0.3530



28.1478, 0.3007, 0.5994



1.5797, 0.3030, 0.5976

Inverse Universe

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



47.5218, 0.3138, 0.2886



71.3855, 0.3140, 0.2790



46.9265, 0.3278, 0.3071



11.9908, 0.3133, 0.3061



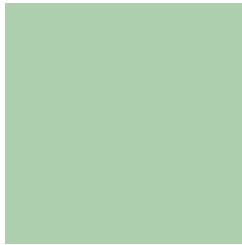
10.6677, 0.3137, 0.1502



0.6021, 0.3151, 0.1510

Previews

White Background



This preview shows how the Yxy color 56.6414, 0.3114, 0.3728 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 56.6414, 0.3114, 0.3728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

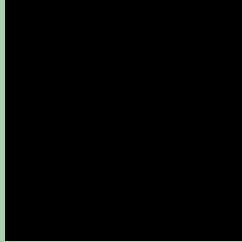
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6414, 0.3114, 0.3728

Background



This preview shows how black text looks on a background with the Yxy color 56.6414, 0.3114, 0.3728.

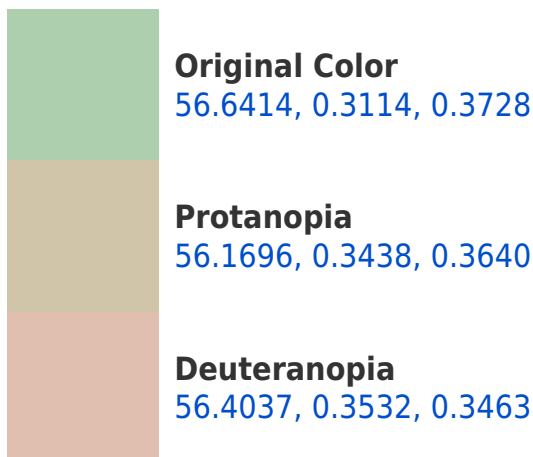


This preview shows how white text looks on a background with the Yxy color 56.6414, 0.3114, 0.3728.

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





Tritanopia

56.6068, 0.2869, 0.3095

Trichromacy



Original Color

56.6414, 0.3114, 0.3728

Protanomaly

56.4113, 0.3315, 0.3674

Deuteranomaly

56.1495, 0.3367, 0.3556

Tritanomaly

56.3939, 0.2954, 0.3314

Monochromacy



Original Color

56.6414, 0.3114, 0.3728

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.3724, 0.3120, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6414, 0.3114, 0.3728 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(174, 207, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 207, 173)  
}
```

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(174, 207, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 207, 173) }
```

Border

The CSS property to change the border of an element to Yxy 56.6414, 0.3114, 0.3728 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(174, 207, 173) }
```

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

```
.border{ border-color:rgb(174, 207, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 207, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 207, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 207, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 207,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6414, 0.3114, 0.3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 207, 173) }
```

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

```
.background{ background-color: rgb(174,  
207, 173) }
```

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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