

Converting Colors

$Yxy(56.6568, 0.3256, 0.3636)$

Have a look what the booklet for
Yxy(56.6568, 0.3256, 0.3636)
contains.

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Color

Yxy(56.6345, 0.3260, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	C1CAAE
RGB	193, 202, 174
RGB Percent	76%, 79%, 68%
CMY	0.2432, 0.2078, 0.3177
CMYK	0.04, 0.00, 0.14, 0.21
HSL	79°, 21%, 74%
HSV	79°, 14%, 79%
XYZ	50.7500, 56.6345, 48.2903
YIQ	196.1170, 3.6240, -10.6160

Conversions

Conversions Part 2

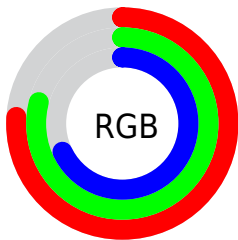
Format	Color
RYB	174, 202, 183
Decimal	12700334
CIELab	79.97, -8.04, 12.95
CIELCh	80, 15.245, 121.845
Yxy	56.6345, 0.3260, 0.3638
Android (android.graphics.Color)	4290890414 (0xFFC1CAAE)
YUV	196.1170, -10.9037, -2.7336
Hunter-Lab	75.2559, -11.3236, 14.6338

Details

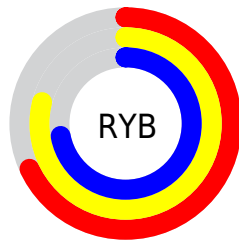
The Yxy color $56.6345, 0.3260, 0.3638$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $44.5958, 0.2981, 0.2934$, and the grayscale version is $55.3408, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.5572, 0.3242, 0.3535$, and $28.0739, 0.3285, 0.3726$ is the 20% darker color. If you saturate the color by 10%, you get $55.0723, 0.3355, 0.3906$, and if you desaturate by 10%, it is $58.3576, 0.3164, 0.3384$.

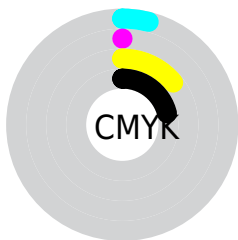
Distribution



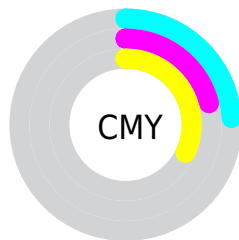
- Red (76%)
- Green (79%)
- Blue (68%)



- Red (68%)
- Yellow (79%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6345, 0.3260, 0.3638 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 56.6345, 0.3260, 0.3638 by changing the saturation by 10% instead.


 56.6345, 0.3260,
0.3638

 56.6345, 0.3260,
0.3638


412.0783, 0.3197,
0.3467

 40.7119, 0.3275,
0.3680


 99.9317, 0.3238,
0.3577

 28.0940, 0.3293,
0.3733


128.0750, 0.3229,
0.3553

 18.3965, 0.3316,
0.3803

161.0607, 0.3222,
0.3534

 11.2351, 0.3347,
0.3898

199.2731, 0.3216,
0.3517

 6.2252, 0.3389,
0.4037

243.0967, 0.3210,
0.3502

 2.9825, 0.3448,
0.4256

292.9159, 0.3205,

 1.1226, 0.3754,

0.3489

0.4940

349.1149, 0.3201,
0.3477

0.0000, 0.0000,
0.0000

56.6345, 0.3260,
0.3638

56.6345, 0.3260,
0.3638

55.0723, 0.3355,
0.3906

58.3576, 0.3164,
0.3384

53.6580, 0.3446,
0.4182

60.2396, 0.3070,
0.3147

52.3877, 0.3529,
0.4458

62.2882, 0.2980,
0.2930

51.2548, 0.3598,
0.4723

64.5082, 0.2894,
0.2732

50.2521, 0.3648,
0.4964

65.5494, 0.2939,
0.2737

■ 49.3715, 0.3675,
0.5171

■ 66.6165, 0.2985,
0.2745

■ 48.6035, 0.3677,
0.5333

■ 67.7237, 0.3031,
0.2752

■ 47.9371, 0.3655,
0.5445

■ 68.8716, 0.3078,
0.2760

■ 47.5670, 0.3634,
0.5497

■ 70.0605, 0.3126,
0.2768

Harmonies

Analogous

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



56.6345, 0.3429, 0.3621



56.6345, 0.3260, 0.3638



56.6345, 0.3059, 0.3554

Triad

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



56.6345, 0.3260, 0.3638



56.6345, 0.2751, 0.3051



56.6345, 0.3375, 0.3186

Complementary

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



56.6345, 0.3260, 0.3638



44.5958, 0.2981, 0.2934

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.



56.6345, 0.3186, 0.3046



56.6345, 0.3260, 0.3638



56.6345, 0.2829, 0.2966

Square

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



56.6345, 0.3260, 0.3638



56.6345, 0.2770, 0.3206



56.6345, 0.2986, 0.2966



56.6345, 0.3498, 0.3355

Rectangle

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



56.6345, 0.3260, 0.3638



56.6345, 0.2935, 0.3452



56.6345, 0.2986, 0.2966



56.6345, 0.3317, 0.3134

Sweetspot

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



56.6370, 0.3260, 0.3638



98.7435, 0.3166, 0.3388



49.4205, 0.3365, 0.3401



21.0857, 0.3173, 0.3407



0.0000, 0.0000, 0.0000



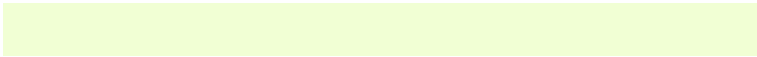
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6370, 0.3260, 0.3638



94.9669, 0.3292, 0.3727



54.8981, 0.3150, 0.3650



12.9088, 0.3217, 0.3522



30.6556, 0.3641, 0.5491



1.6212, 0.3752, 0.5403

Inverse Universe

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



44.5958, 0.2981, 0.2934



70.2349, 0.2941, 0.2840



46.3820, 0.3099, 0.2946



11.0162, 0.3032, 0.3054



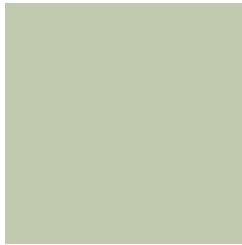
3.5092, 0.1737, 0.0730



0.2219, 0.1959, 0.0853

Previews

White Background



This preview shows how the Yxy color 56.6345, 0.3260, 0.3638 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 56.6345, 0.3260, 0.3638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

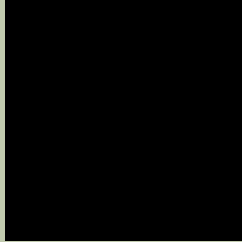
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

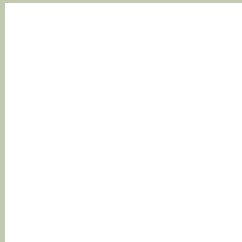
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6345, 0.3260, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 56.6345, 0.3260, 0.3638.



This preview shows how white text looks on a background with the Yxy color 56.6345, 0.3260, 0.3638.

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

56.6345, 0.3260, 0.3638

Protanopia

56.7766, 0.3405, 0.3603

Deuteranopia

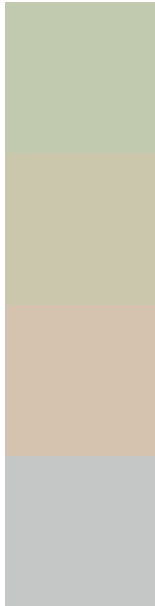
56.4037, 0.3532, 0.3463



Tritanopia

56.8281, 0.3035, 0.3113

Trichromacy



Original Color

56.6345, 0.3260, 0.3638

Protanomaly

56.5605, 0.3353, 0.3606

Deuteranomaly

56.2715, 0.3429, 0.3528

Tritanomaly

56.7944, 0.3119, 0.3302

Monochromacy



Original Color

56.6345, 0.3260, 0.3638

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.6211, 0.3177, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6345, 0.3260, 0.3638 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(193, 202, 174)` looks like.

```
.text, #text, p{  
    color:rgb(193, 202, 174)  
}
```

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(193, 202, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 174) }
```

Border

The CSS property to change the border of an element to Yxy 56.6345, 0.3260, 0.3638 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(193, 202, 174) }
```

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

```
.border{ border-color:rgb(193, 202, 174) }
```

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

Here you see how a box with a 4 pixel rgb(193, 202, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 202, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 202, 174);  
box-shadow:4px 4px 4px 4px rgb(193, 202,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6345, 0.3260, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 174) }
```

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

```
.background{ background-color: rgb(193,  
202, 174) }
```

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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