

Converting Colors

$Yxy(56.9038, 0.3490, 0.3823)$

Have a look what the booklet for
Yxy(56.9038, 0.3490, 0.3823)
contains.

Yxy(56.7220, 0.3490, 0.3813)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.7220, 0.3490, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	CDC89D
RGB	205, 200, 157
RGB Percent	80%, 78%, 62%
CMY	0.1961, 0.2157, 0.3842
CMYK	0.00, 0.02, 0.23, 0.20
HSL	54°, 32%, 71%
HSV	54°, 23%, 80%
XYZ	51.9171, 56.7220, 40.1204
YIQ	196.5930, 16.7830, -12.3130

Conversions

Conversions Part 2

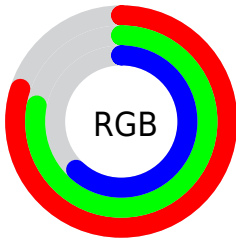
Format	Color
RYB	163, 205, 157
Decimal	13486237
CIELab	80.02, -5.17, 22.17
CIElCh	80, 22.769, 103.127
Yxy	56.7220, 0.3490, 0.3813
Android (android.graphics.Color)	4291676317 (0xFFC8C89D)
YUV	196.5930, -19.5193, 7.3729
Hunter-Lab	75.3140, -8.7521, 21.1355

Details

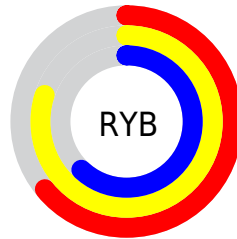
The Yxy color **56.7220, 0.3490, 0.3813** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.4230, 0.2738, 0.2707**, and the grayscale version is **55.6907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **28.0617, 0.3583, 0.3957** is the 20% darker color. If you saturate the color by 10%, you get **55.1014, 0.3652, 0.4039**, and if you desaturate by 10%, it is **58.4790, 0.3330, 0.3586**.

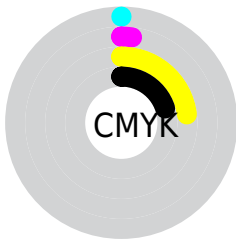
Distribution



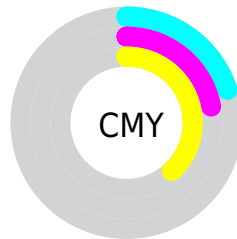
- Red (80%)
- Green (78%)
- Blue (62%)



- Red (64%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (2%)
- Yellow (23%)
- Black (20%)




- Cyan (20%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7220, 0.3490, 0.3813 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 56.7220, 0.3490, 0.3813 by changing the saturation by 10% instead.

 56.7220, 0.3490,
0.3813

 56.7220, 0.3490,
0.3813


412.4068, 0.3317,
0.3558

 40.7821, 0.3530,
0.3874


 100.0594, 0.3429,
0.3722

 28.1488, 0.3581,
0.3952


 128.2257, 0.3406,
0.3687

 18.4379, 0.3645,
0.4052


161.2363, 0.3386,
0.3658

 11.2648, 0.3729,
0.4186

199.4755, 0.3368,
0.3632

 6.2453, 0.3842,
0.4376

243.3278, 0.3353,
0.3610

 2.9948, 0.3999,
0.4658

293.1775, 0.3339,

 1.1290, 0.4521,

0.3591

0.5479

349.4090, 0.3328,
0.3574

■ 0.0025, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7220, 0.3490,
0.3813

■ 56.7220, 0.3490,
0.3813

■ 55.1014, 0.3652,
0.4039

■ 58.4790, 0.3330,
0.3586

■ 53.6035, 0.3812,
0.4256

■ 60.3702, 0.3177,
0.3364

■ 52.2246, 0.3962,
0.4453

■ 62.4033, 0.3033,
0.3151

■ 50.9575, 0.4098,
0.4622

■ 64.5832, 0.2899,
0.2951

■ 49.7945, 0.4212,
0.4753

■ 66.6198, 0.2803,
0.2811

■ 48.7262, 0.4300,
0.4841

■ 67.6838, 0.2804,
0.2834

■ 47.7419, 0.4361,
0.4885

■ 68.7619, 0.2806,
0.2858

■ 47.1254, 0.4390,
0.4896

■ 69.8541, 0.2807,
0.2882

■ 70.9606, 0.2809,
0.2905

Harmonies

Analogous

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



56.7220, 0.3678, 0.3690



56.7220, 0.3490, 0.3813



56.7220, 0.3209, 0.3788

Triad

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



56.7220, 0.3490, 0.3813



56.7220, 0.2573, 0.3062



56.7220, 0.3326, 0.3000

Complementary

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



56.7220, 0.3490, 0.3813



37.4230, 0.2738, 0.2707

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.



56.7220, 0.3023, 0.2847



56.7220, 0.3490, 0.3813



56.7220, 0.2600, 0.2871

Square

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



56.7220, 0.3490, 0.3813



56.7220, 0.2686, 0.3334



56.7220, 0.2760, 0.2798



56.7220, 0.3584, 0.3224

Rectangle

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



56.7220, 0.3490, 0.3813



56.7220, 0.3010, 0.3683



56.7220, 0.2760, 0.2798



56.7220, 0.3226, 0.2939

Sweetspot

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



56.7245, 0.3490, 0.3813



97.7246, 0.3233, 0.3445



39.7311, 0.3551, 0.3220



20.8763, 0.3242, 0.3458



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.



56.7245, 0.3490, 0.3813



91.5780, 0.3570, 0.3926



56.6099, 0.3327, 0.3898



12.8896, 0.3268, 0.3496



29.4216, 0.4387, 0.4899



1.5765, 0.4344, 0.4933

Inverse Universe

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



37.4230, 0.2738, 0.2707



54.6333, 0.2644, 0.2563



37.6914, 0.2889, 0.2665



11.0286, 0.2982, 0.3076



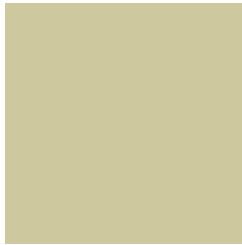
3.1522, 0.1522, 0.0679



0.2279, 0.1586, 0.0911

Previews

White Background



This preview shows how the Yxy color 56.7220, 0.3490, 0.3813 looks on a white background.

Color Contrast Check

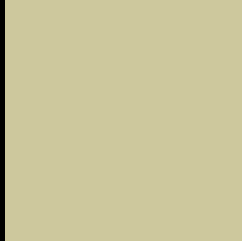
Large Text (above 18pt) WCAG AA × Fail

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 56.7220, 0.3490, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

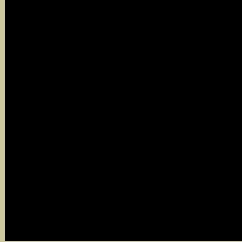
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

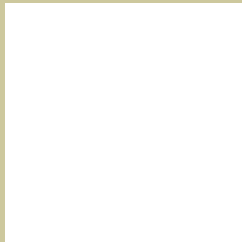
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7220, 0.3490, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 56.7220, 0.3490, 0.3813.



This preview shows how white text looks on a background with the Yxy color 56.7220, 0.3490, 0.3813.

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

56.7220, 0.3490, 0.3813

Protanopia

56.6374, 0.3554, 0.3794

Deuteranopia

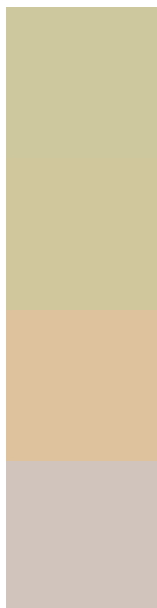
56.7537, 0.3725, 0.3654



Tritanopia

56.6910, 0.3167, 0.3117

Trichromacy



Original Color

56.7220, 0.3490, 0.3813

Protanomaly

56.8025, 0.3534, 0.3808

Deuteranomaly

56.5818, 0.3645, 0.3710

Tritanomaly

56.7093, 0.3285, 0.3373

Monochromacy



Original Color

56.7220, 0.3490, 0.3813

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.0449, 0.3262, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7220, 0.3490, 0.3813 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(205, 200, 157)` looks like.

```
.text, #text, p{  
    color:rgb(205, 200, 157)  
}
```

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(205, 200, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 200, 157) }
```

Border

The CSS property to change the border of an element to Yxy 56.7220, 0.3490, 0.3813 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(205, 200, 157) }
```

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

```
.border{ border-color:rgb(205, 200, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 200, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 200, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 200, 157);  
box-shadow:4px 4px 4px 4px rgb(205, 200,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7220, 0.3490, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 200, 157) }
```

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

```
.background{ background-color: rgb(205,  
200, 157) }
```

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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