

Converting Colors

Yxy(56.8906, 0.3358, 0.3605)

Have a look what the booklet for
Yxy(56.8906, 0.3358, 0.3605)
contains.

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Color

Yxy(56.7013, 0.3362, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	CCC7AD
RGB	204, 199, 173
RGB Percent	80%, 78%, 68%
CMY	0.2000, 0.2196, 0.3217
CMYK	0.00, 0.02, 0.15, 0.20
HSL	50°, 23%, 74%
HSV	50°, 15%, 80%
XYZ	52.8646, 56.7013, 47.6756
YIQ	197.5310, 11.3260, -7.0260

Conversions

Conversions Part 2

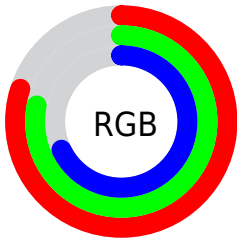
Format	Color
RYB	179, 204, 173
Decimal	13420461
CIELab	80.01, -2.65, 13.67
CIELCh	80, 13.920, 100.970
Yxy	56.7013, 0.3362, 0.3606
Android (android.graphics.Color)	4291610541 (0xFFCCC7AD)
YUV	197.5310, -12.0938, 5.6733
Hunter-Lab	75.3003, -6.4594, 15.1713

Details

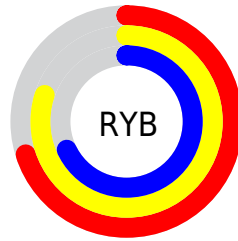
The Yxy color **56.7013, 0.3362, 0.3606** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.0627, 0.2886, 0.2953**, and the grayscale version is **56.2418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **28.1153, 0.3423, 0.3680** is the 20% darker color. If you saturate the color by 10%, you get **54.4807, 0.3527, 0.3821**, and if you desaturate by 10%, it is **59.0800, 0.3205, 0.3396**.

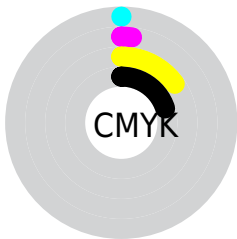
Distribution



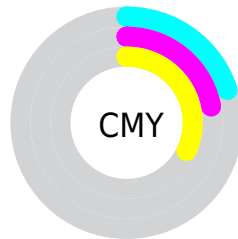
- Red (80%)
- Green (78%)
- Blue (68%)



- Red (70%)
- Yellow (80%)
- Blue (68%)



- Cyan (0%)
- Magenta (2%)
- Yellow (15%)
- Black (20%)





- Cyan (20%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7013, 0.3362, 0.3606 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 56.7013, 0.3362, 0.3606 by changing the saturation by 10% instead.


 56.7013, 0.3362,
0.3606

 56.7013, 0.3362,
0.3606


412.3291, 0.3249,
0.3452

 40.7655, 0.3389,
0.3643

 100.0292, 0.3322,
0.3551

 28.1359, 0.3423,
0.3690


128.1901, 0.3307,
0.3530

 18.4281, 0.3467,
0.3751


161.1948, 0.3293,
0.3512

 11.2578, 0.3525,
0.3834

199.4277, 0.3282,
0.3497

 6.2405, 0.3608,
0.3952

243.2731, 0.3272,
0.3484

 2.9919, 0.3731,
0.4134

293.1156, 0.3264,

 1.1275, 0.4198,

0.3472

0.4745

349.3395, 0.3256,
0.3462

0.0013, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.7013, 0.3362,
0.3606

56.7013, 0.3362,
0.3606

54.4807, 0.3527,
0.3821

59.0800, 0.3205,
0.3396

52.4050, 0.3697,
0.4034

61.6146, 0.3058,
0.3195

50.4707, 0.3866,
0.4238

64.3126, 0.2923,
0.3006

48.6712, 0.4029,
0.4423

67.1787, 0.2800,
0.2830

■ 46.9992, 0.4178,
0.4578

■ 68.8642, 0.2800,
0.2863

■ 45.4466, 0.4306,
0.4696

■ 70.5551, 0.2802,
0.2899

■ 44.0039, 0.4408,
0.4769

■ 72.2798, 0.2804,
0.2935

■ 42.6597, 0.4482,
0.4797

■ 74.0383, 0.2807,
0.2971

■ 42.0406, 0.4511,
0.4800

■ 75.8309, 0.2809,
0.3007

Harmonies

Analogous

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



56.7013, 0.3469, 0.3532



56.7013, 0.3362, 0.3606



56.7013, 0.3194, 0.3593

Triad

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



56.7013, 0.3362, 0.3606



56.7013, 0.2785, 0.3166



56.7013, 0.3237, 0.3101

Complementary

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



56.7013, 0.3362, 0.3606



45.0627, 0.2886, 0.2953

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.



56.7013, 0.3052, 0.3008



56.7013, 0.3362, 0.3606



56.7013, 0.2796, 0.3040

Square

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



56.7013, 0.3362, 0.3606



56.7013, 0.2863, 0.3332



56.7013, 0.2892, 0.2985



56.7013, 0.3396, 0.3241

Rectangle

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



56.7013, 0.3362, 0.3606



56.7013, 0.3071, 0.3534



56.7013, 0.2892, 0.2985



56.7013, 0.3176, 0.3063

Sweetspot

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



56.7038, 0.3362, 0.3606



97.9052, 0.3203, 0.3393



45.9312, 0.3364, 0.3227



20.8939, 0.3214, 0.3408



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.



56.7038, 0.3362, 0.3606



92.7709, 0.3411, 0.3671



57.6237, 0.3270, 0.3674



12.7776, 0.3269, 0.3483



26.5762, 0.4505, 0.4805



1.4553, 0.4435, 0.4861

Inverse Universe

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



45.0627, 0.2886, 0.2953



70.1470, 0.2833, 0.2878



44.3392, 0.2969, 0.2897



11.1304, 0.2982, 0.3089



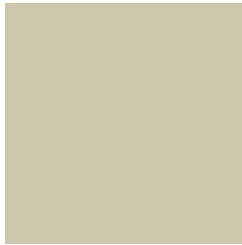
3.5116, 0.1541, 0.0747



0.2750, 0.1629, 0.1065

Previews

White Background



This preview shows how the Yxy color 56.7013, 0.3362, 0.3606 looks on a white background.

Color Contrast Check

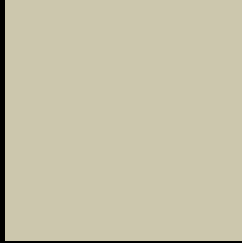
Large Text (above 18pt) WCAG AA × Fail

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 56.7013, 0.3362, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

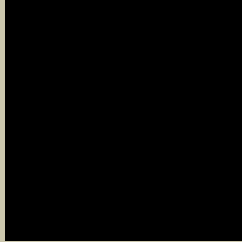
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

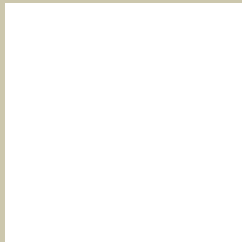
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7013, 0.3362, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 56.7013, 0.3362, 0.3606.



This preview shows how white text looks on a background with the Yxy color 56.7013, 0.3362, 0.3606.

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

56.7013, 0.3362, 0.3606

Protanopia

56.7766, 0.3405, 0.3603

Deuteranopia

56.5255, 0.3549, 0.3475



Tritanopia

56.7423, 0.3135, 0.3116

Trichromacy



Original Color

56.7013, 0.3362, 0.3606

Protanomaly

56.6321, 0.3396, 0.3604

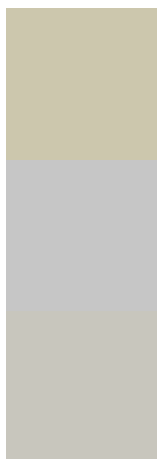
Deuteranomaly

56.5450, 0.3482, 0.3525

Tritanomaly

56.7308, 0.3215, 0.3290

Monochromacy



Original Color

56.7013, 0.3362, 0.3606

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.3417, 0.3209, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7013, 0.3362, 0.3606 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(204, 199, 173)` looks like.

```
.text, #text, p{  
    color:rgb(204, 199, 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(204, 199, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 199, 173) }
```

Border

The CSS property to change the border of an element to Yxy 56.7013, 0.3362, 0.3606 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(204, 199, 173) }
```

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

```
.border{ border-color:rgb(204, 199, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 199, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 199, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 199, 173);  
box-shadow:4px 4px 4px 4px rgb(204, 199,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7013, 0.3362, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 199, 173) }
```

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

```
.background{ background-color: rgb(204,  
199, 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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