

Converting Colors

Yxy(56.8040, 0.3244, 0.3501)

Have a look what the booklet for
Yxy(56.8040, 0.3244, 0.3501)
contains.

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Color

Yxy(56.8696, 0.3244, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	C7C8B7
RGB	199, 200, 183
RGB Percent	78%, 78%, 72%
CMY	0.2196, 0.2157, 0.2823
CMYK	0.01, 0.00, 0.08, 0.22
HSL	64°, 13%, 75%
HSV	64°, 8%, 78%
XYZ	52.7552, 56.8696, 52.9991
YIQ	197.7630, 4.8610, -5.4990

Conversions

Conversions Part 2

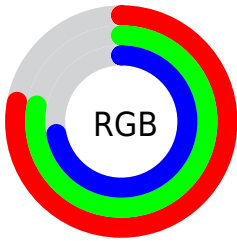
Format	Color
RYB	183, 200, 184
Decimal	13093047
CIELab	80.11, -3.34, 8.37
CIELCh	80, 9.017, 111.754
Yxy	56.8696, 0.3244, 0.3497
Android (android.graphics.Color)	4291283127 (0xFFC7C8B7)
YUV	197.7630, -7.2782, 1.0848
Hunter-Lab	75.4119, -7.0993, 11.1196

Details

The Yxy color $56.8696, 0.3244, 0.3497$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.2318, 0.3005, 0.3075$, and the grayscale version is $56.3649, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.0120, 0.3220, 0.3444$, and $28.1892, 0.3274, 0.3552$ is the 20% darker color. If you saturate the color by 10%, you get $55.9366, 0.3385, 0.3748$, and if you desaturate by 10%, it is $57.9272, 0.3107, 0.3254$.

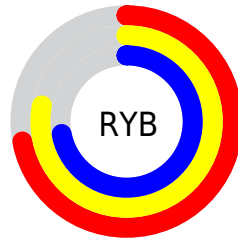
Distribution



Red (78%)

Green (78%)

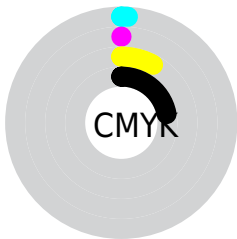
Blue (72%)



Red (72%)

Yellow (78%)

Blue (72%)

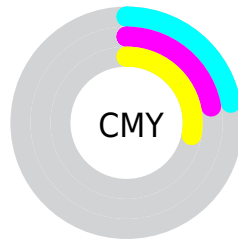


Cyan (1%)

Magenta (0%)

Yellow (8%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8696, 0.3244, 0.3497 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 56.8696, 0.3244, 0.3497 by changing the saturation by 10% instead.

■ 56.8696, 0.3244,
0.3497

■ 56.8696, 0.3244,
0.3497

412.9605, 0.3188,
0.3396

■ 40.9006, 0.3257,
0.3521

■ 100.2749, 0.3224,
0.3461

■ 28.2414, 0.3274,
0.3552

128.4799, 0.3216,
0.3447

■ 18.5077, 0.3296,
0.3593

161.5324, 0.3210,
0.3436

■ 11.3151, 0.3325,
0.3648

199.8168, 0.3204,
0.3426

■ 6.2792, 0.3367,
0.3727

243.7173, 0.3199,
0.3417

■ 3.0156, 0.3430,
0.3851

293.6186, 0.3195,

■ 1.1399, 0.3583,

0.3409

0.4127

349.9048, 0.3191,
0.3402

0.0118, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.8696, 0.3244,
0.3497

56.8696, 0.3244,
0.3497

55.9366, 0.3385,
0.3748

57.9272, 0.3107,
0.3254

55.1157, 0.3525,
0.4002

59.1065, 0.2976,
0.3024

54.4042, 0.3660,
0.4249

60.4146, 0.2853,
0.2810

53.7963, 0.3784,
0.4481

61.3289, 0.2787,
0.2690

■ 53.2856, 0.3892,
0.4688

■ 61.4961, 0.2795,
0.2692

■ 52.8653, 0.3978,
0.4861

■ 61.6645, 0.2803,
0.2693

■ 52.5274, 0.4040,
0.4992

■ 61.8342, 0.2811,
0.2694

■ 52.2626, 0.4076,
0.5080

■ 62.0052, 0.2819,
0.2696

■ 52.0564, 0.4089,
0.5128

■ 62.1775, 0.2827,
0.2697

Harmonies

Analogous

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



56.8696, 0.3329, 0.3470



56.8696, 0.3244, 0.3497



56.8696, 0.3128, 0.3466

Triad

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



56.8696, 0.3244, 0.3497



56.8696, 0.2900, 0.3178



56.8696, 0.3239, 0.3197

Complementary

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



56.8696, 0.3244, 0.3497



48.2318, 0.3005, 0.3075

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.



56.8696, 0.3123, 0.3122



56.8696, 0.3244, 0.3497



56.8696, 0.2928, 0.3109

Square

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



56.8696, 0.3244, 0.3497



56.8696, 0.2931, 0.3279



56.8696, 0.3009, 0.3090



56.8696, 0.3327, 0.3296

Rectangle

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



56.8696, 0.3244, 0.3497



56.8696, 0.3050, 0.3417



56.8696, 0.3009, 0.3090



56.8696, 0.3202, 0.3168

Sweetspot

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



56.8721, 0.3244, 0.3497



99.4315, 0.3169, 0.3363



49.9207, 0.3272, 0.3301



21.2506, 0.3180, 0.3383



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.



56.8721, 0.3244, 0.3497



98.1808, 0.3267, 0.3538



55.7616, 0.3177, 0.3501



12.3839, 0.3256, 0.3519



33.0931, 0.4092, 0.5133



1.5769, 0.4114, 0.5115

Inverse Universe

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



48.2318, 0.3005, 0.3075



80.5255, 0.2980, 0.3031



49.2931, 0.3073, 0.3080



10.3169, 0.2992, 0.3052



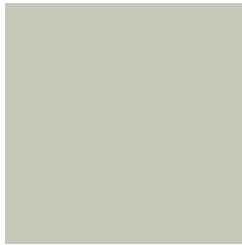
2.7137, 0.1521, 0.0612



0.1391, 0.1595, 0.0652

Previews

White Background



This preview shows how the Yxy color 56.8696, 0.3244, 0.3497 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 56.8696, 0.3244, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

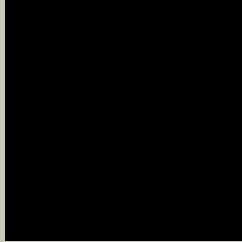
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

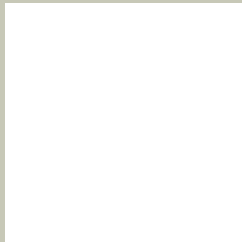
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8696, 0.3244, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 56.8696, 0.3244, 0.3497.



This preview shows how white text looks on a background with the Yxy color 56.8696, 0.3244, 0.3497.

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

56.8696, 0.3244, 0.3497

Protanopia

56.8874, 0.3311, 0.3482

Deuteranopia

56.8900, 0.3439, 0.3371



Tritanopia

56.8795, 0.3073, 0.3114

Trichromacy



Original Color

56.8696, 0.3244, 0.3497

Protanomaly

56.9208, 0.3285, 0.3496

Deuteranomaly

56.7870, 0.3366, 0.3420

Tritanomaly

56.7061, 0.3137, 0.3242

Monochromacy



Original Color

56.8696, 0.3244, 0.3497

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.7029, 0.3163, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8696, 0.3244, 0.3497 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(199, 200, 183)` looks like.

```
.text, #text, p{  
    color:rgb(199, 200, 183)  
}
```

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(199, 200, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 200, 183) }
```

Border

The CSS property to change the border of an element to Yxy 56.8696, 0.3244, 0.3497 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(199, 200, 183) }
```

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

```
.border{ border-color:rgb(199, 200, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 200, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 200, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 200, 183);  
box-shadow:4px 4px 4px 4px rgb(199, 200,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8696, 0.3244, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 200, 183) }
```

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

```
.background{ background-color: rgb(199,  
200, 183) }
```

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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