

Converting Colors

Yxy(57.4706, 0.3659, 0.3959)

Have a look what the booklet for
Yxy(57.4706, 0.3659, 0.3959)
contains.

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Color

Yxy(57.4683, 0.3657, 0.3956)

Conversions

Conversions Part 1

Format	Color
Hex	D5C890
RGB	213, 200, 144
RGB Percent	84%, 78%, 56%
CMY	0.1648, 0.2156, 0.4353
CMYK	0.00, 0.06, 0.32, 0.16
HSL	49°, 45%, 70%
HSV	49°, 32%, 84%
XYZ	53.1248, 57.4683, 34.6756
YIQ	197.5030, 25.7240, -14.6600

Conversions

Conversions Part 2

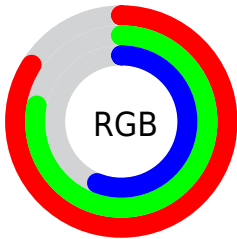
Format	Color
R _Y B	160, 213, 144
Decimal	14010512
CIE Lab	80.44, -3.83, 29.70
CIE LCh	80, 29.947, 97.354
Yxy	57.4683, 0.3657, 0.3956
Android (android.graphics.Color)	4292200592 (0xFFD5C890)
YUV	197.5030, -26.3770, 13.5909
Hunter-Lab	75.8078, -7.5742, 25.9454

Details

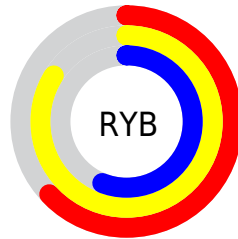
The Yxy color **57.4683, 0.3657, 0.3956** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.8349, 0.2573, 0.2521**, and the grayscale version is **56.3058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **28.5162, 0.3783, 0.4123** is the 20% darker color. If you saturate the color by 10%, you get **55.0490, 0.3833, 0.4159**, and if you desaturate by 10%, it is **60.0643, 0.3484, 0.3747**.

Distribution



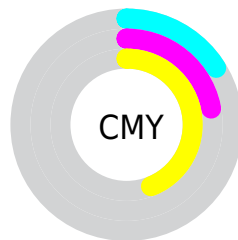
- Red (84%)
- Green (78%)
- Blue (56%)



- Red (63%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (6%)
- Yellow (32%)
- Black (16%)





- Cyan (16%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4683, 0.3657, 0.3956 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 57.4683, 0.3657, 0.3956 by changing the saturation by 10% instead.


 57.4683, 0.3657,
0.3956

 57.4683, 0.3657,
0.3956


415.2018, 0.3406,
0.3635

 41.3813, 0.3715,
0.4032


 101.1482, 0.3569,
0.3843

 28.6172, 0.3786,
0.4126

 129.5099, 0.3535,
0.3799

 18.7914, 0.3875,
0.4246


162.7320, 0.3506,
0.3762

 11.5197, 0.3990,
0.4402

201.1988, 0.3481,
0.3730

 6.4175, 0.4137,
0.4613

245.2948, 0.3458,
0.3701

 3.1006, 0.4396,
0.4981

295.4044, 0.3439,

 1.1845, 0.4617,

0.3677

0.5383

351.9119, 0.3421,
0.3655

0.0490, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.4683, 0.3657,
0.3956

57.4683, 0.3657,
0.3956

55.0490, 0.3833,
0.4159

60.0643, 0.3484,
0.3747

52.7913, 0.4005,
0.4345

62.8358, 0.3318,
0.3539

50.6897, 0.4167,
0.4506

65.7918, 0.3163,
0.3337

48.7354, 0.4311,
0.4632

68.9383, 0.3019,
0.3145

46.9182, 0.4430,
0.4714

72.2808, 0.2887,
0.2966

45.2259, 0.4521,
0.4749

74.6959, 0.2862,
0.2963

44.0064, 0.4574,
0.4751

76.8744, 0.2864,
0.3006

79.1039, 0.2866,
0.3049

81.3849, 0.2868,
0.3092

Harmonies

Analogous

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



57.4683, 0.3875, 0.3755



57.4683, 0.3657, 0.3956



57.4683, 0.3303, 0.3974

Triad

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



57.4683, 0.3657, 0.3956



57.4683, 0.2426, 0.3046



57.4683, 0.3309, 0.2870

Complementary

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



57.4683, 0.3657, 0.3956



34.8349, 0.2573, 0.2521

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.



57.4683, 0.2915, 0.2697



57.4683, 0.3657, 0.3956



57.4683, 0.2426, 0.2777

Square

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



57.4683, 0.3657, 0.3956



57.4683, 0.2600, 0.3417



57.4683, 0.2599, 0.2660



57.4683, 0.3671, 0.3140

Rectangle

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



57.4683, 0.3657, 0.3956



57.4683, 0.3043, 0.3862



57.4683, 0.2599, 0.2660



57.4683, 0.3175, 0.2799

Sweetspot

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



57.4709, 0.3657, 0.3956



95.4440, 0.3282, 0.3492



36.5503, 0.3719, 0.3121



20.2968, 0.3304, 0.3521



0.0000, 0.0000, 0.0000



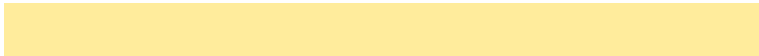
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4709, 0.3657, 0.3956



83.8094, 0.3780, 0.4099



60.8372, 0.3446, 0.4141



14.1045, 0.3271, 0.3478



27.0271, 0.4567, 0.4756



1.7350, 0.4491, 0.4816

Inverse Universe

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



34.8349, 0.2573, 0.2521



44.6115, 0.2438, 0.2321



32.7148, 0.2724, 0.2380



12.3828, 0.2982, 0.3095



3.9743, 0.1551, 0.0785



0.3539, 0.1636, 0.1091

Previews

White Background



This preview shows how the Yxy color 57.4683, 0.3657, 0.3956 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 57.4683, 0.3657, 0.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

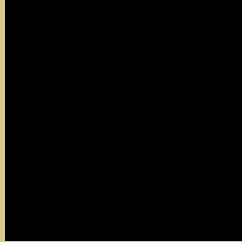
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4683, 0.3657, 0.3956

Background



This preview shows how black text looks on a background with the Yxy color 57.4683, 0.3657, 0.3956.



This preview shows how white text looks on a background with the Yxy color 57.4683, 0.3657, 0.3956.

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

57.4683, 0.3657, 0.3956

Protanopia

57.3075, 0.3678, 0.3941

Deuteranopia

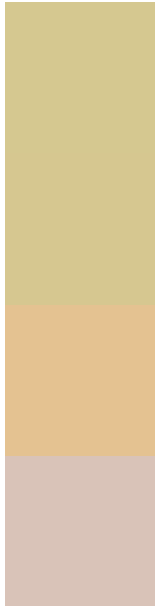
57.1698, 0.3875, 0.3793



Tritanopia

57.4199, 0.3240, 0.3120

Trichromacy



Original Color

57.4683, 0.3657, 0.3956

Protanomaly

57.1566, 0.3669, 0.3943

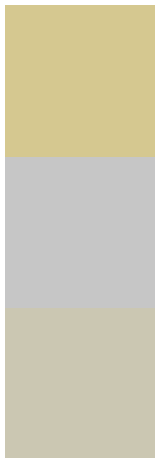
Deuteranomaly

57.1219, 0.3801, 0.3850

Tritanomaly

57.2426, 0.3391, 0.3419

Monochromacy



Original Color

57.4683, 0.3657, 0.3956

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.7577, 0.3315, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4683, 0.3657, 0.3956 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(213, 200, 144)` looks like.

```
.text, #text, p{  
    color:rgb(213, 200, 144)  
}
```

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(213, 200, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 200, 144) }
```

Border

The CSS property to change the border of an element to Yxy 57.4683, 0.3657, 0.3956 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(213, 200, 144) }
```

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

```
.border{ border-color:rgb(213, 200, 144) }
```

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

Here you see how a box with a 4 pixel rgb(213, 200, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 200, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 200, 144);  
box-shadow:4px 4px 4px 4px rgb(213, 200,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4683, 0.3657, 0.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 200, 144) }
```

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

```
.background{ background-color: rgb(213,  
200, 144) }
```

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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