

Converting Colors

Yxy(55.4548, 0.3617, 0.3899)

Have a look what the booklet for
Yxy(55.4548, 0.3617, 0.3899)
contains.

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Color

Yxy(55.5631, 0.3618, 0.3907)

Conversions

Conversions Part 1

Format	Color
Hex	D1C592
RGB	209, 197, 146
RGB Percent	82%, 77%, 57%
CMY	0.1803, 0.2275, 0.4275
CMYK	0.00, 0.06, 0.30, 0.18
HSL	49°, 41%, 70%
HSV	49°, 30%, 82%
XYZ	51.4531, 55.5631, 35.1980
YIQ	194.7740, 23.5230, -13.3170

Conversions

Conversions Part 2

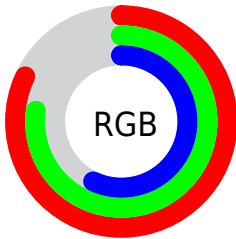
Format	Color
R_{YB}	161, 209, 146
Decimal	13747602
CIE Lab	79.36, -3.55, 27.16
CIE LCh	79, 27.391, 97.455
Yxy	55.5631, 0.3618, 0.3907
Android (android.graphics.Color)	4291937682 (0xFFD1C592)
YUV	194.7740, -24.0456, 12.4762
Hunter-Lab	74.5407, -7.2331, 24.1818

Details

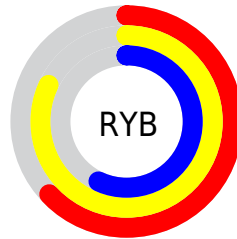
The Yxy color **55.5631, 0.3618, 0.3907** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.1701, 0.2617, 0.2586**, and the grayscale version is **54.5691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3138, 0.3456, 0.3821**, and **27.3412, 0.3745, 0.4061** is the 20% darker color. If you saturate the color by 10%, you get **53.1865, 0.3794, 0.4111**, and if you desaturate by 10%, it is **58.1116, 0.3446, 0.3698**.

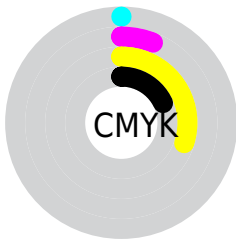
Distribution



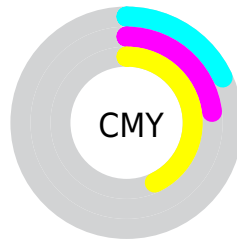
- Red (82%)
- Green (77%)
- Blue (57%)



- Red (63%)
- Yellow (82%)
- Blue (57%)



- Cyan (0%)
- Magenta (6%)
- Yellow (30%)
- Black (18%)





- Cyan (18%)
- Magenta (23%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5631, 0.3618, 0.3907 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 55.5631, 0.3618, 0.3907 by changing the saturation by 10% instead.

 55.5631, 0.3618,
0.3907

 55.5631, 0.3618,
0.3907


408.0429, 0.3383,
0.3608

 39.8527, 0.3673,
0.3978

 98.3655, 0.3535,
0.3801

 27.4237, 0.3741,
0.4068


 126.2263, 0.3504,
0.3760

 17.8917, 0.3827,
0.4182


158.9061, 0.3476,
0.3725

 10.8723, 0.3938,
0.4334

196.7892, 0.3453,
0.3695

 5.9810, 0.4085,
0.4540

240.2600, 0.3432,
0.3669

 2.8335, 0.4343,
0.4904

289.7030, 0.3414,

 1.0455, 0.4626,

0.3646

0.5374

345.5025, 0.3398,
0.3626

0.0000, 0.0000,
0.0000

55.5631, 0.3618,
0.3907

55.5631, 0.3618,
0.3907

53.1865, 0.3794,
0.4111

58.1116, 0.3446,
0.3698

50.9673, 0.3968,
0.4302

60.8308, 0.3283,
0.3492

48.9006, 0.4133,
0.4469

63.7292, 0.3130,
0.3293

46.9781, 0.4283,
0.4603

66.8123, 0.2988,
0.3105

45.1905, 0.4409,
0.4695

70.0854, 0.2860,
0.2929

■ 43.5265, 0.4508,
0.4740

■ 72.4522, 0.2836,
0.2927

■ 41.9906, 0.4579,
0.4746

■ 74.5822, 0.2838,
0.2970

■ 76.7624, 0.2840,
0.3014

■ 78.9934, 0.2842,
0.3057

Harmonies

Analogous

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



55.5631, 0.3819, 0.3725



55.5631, 0.3618, 0.3907



55.5631, 0.3291, 0.3920

Triad

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



55.5631, 0.3618, 0.3907



55.5631, 0.2475, 0.3066



55.5631, 0.3297, 0.2900

Complementary

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



55.5631, 0.3618, 0.3907



35.1701, 0.2617, 0.2586

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.



55.5631, 0.2933, 0.2739



55.5631, 0.3618, 0.3907



55.5631, 0.2476, 0.2815

Square

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



55.5631, 0.3618, 0.3907



55.5631, 0.2638, 0.3407



55.5631, 0.2638, 0.2704



55.5631, 0.3631, 0.3153

Rectangle

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



55.5631, 0.3618, 0.3907



55.5631, 0.3049, 0.3816



55.5631, 0.2638, 0.2704



55.5631, 0.3174, 0.2834

Sweetspot

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



55.5656, 0.3618, 0.3907



95.8473, 0.3266, 0.3471



36.5996, 0.3664, 0.3133



20.3763, 0.3289, 0.3501



0.0000, 0.0000, 0.0000



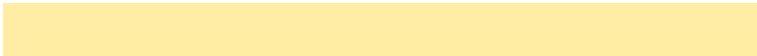
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5656, 0.3618, 0.3907



84.7622, 0.3728, 0.4036



58.6500, 0.3425, 0.4078



13.3982, 0.3271, 0.3477



26.0204, 0.4573, 0.4751



1.5559, 0.4491, 0.4816

Inverse Universe

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



35.1701, 0.2617, 0.2586



47.9589, 0.2497, 0.2412



33.1442, 0.2758, 0.2452



11.7775, 0.2982, 0.3096



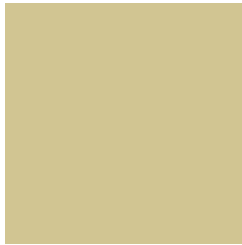
3.8772, 0.1553, 0.0791



0.3277, 0.1645, 0.1120

Previews

White Background



This preview shows how the Yxy color 55.5631, 0.3618, 0.3907 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 55.5631, 0.3618, 0.3907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

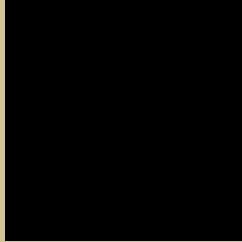
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5631, 0.3618, 0.3907

Background



This preview shows how black text looks on a background with the Yxy color 55.5631, 0.3618, 0.3907.



This preview shows how white text looks on a background with the Yxy color 55.5631, 0.3618, 0.3907.

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

55.5631, 0.3618, 0.3907

Protanopia

55.4041, 0.3638, 0.3892

Deuteranopia

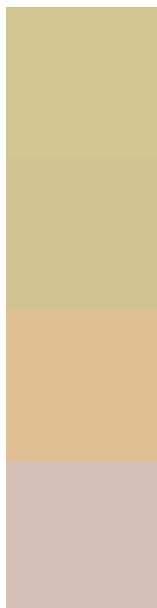
55.6891, 0.3832, 0.3756



Tritanopia

55.3538, 0.3234, 0.3118

Trichromacy



Original Color

55.5631, 0.3618, 0.3907

Protanomaly

55.2568, 0.3630, 0.3894

Deuteranomaly

55.6532, 0.3758, 0.3813

Tritanomaly

55.2643, 0.3371, 0.3397

Monochromacy



Original Color

55.5631, 0.3618, 0.3907

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.9335, 0.3303, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5631, 0.3618, 0.3907 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(209, 197, 146)` looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 146)  
}
```

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(209, 197, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 146) }
```

Border

The CSS property to change the border of an element to Yxy 55.5631, 0.3618, 0.3907 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(209, 197, 146) }
```

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

```
.border{ border-color:rgb(209, 197, 146) }
```

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

Here you see how a box with a 4 pixel rgb(209, 197, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 146);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5631, 0.3618, 0.3907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 197, 146) }
```

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

```
.background{ background-color: rgb(209,  
197, 146) }
```

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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