

Converting Colors

$Yxy(55.7518, 0.3723, 0.4119)$

Have a look what the booklet for
Yxy(55.7518, 0.3723, 0.4119)
contains.

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Color

Yxy(55.8685, 0.3722, 0.4121)

Conversions

Conversions Part 1

Format	Color
Hex	D0C782
RGB	208, 199, 130
RGB Percent	82%, 78%, 51%
CMY	0.1844, 0.2196, 0.4902
CMYK	0.00, 0.04, 0.37, 0.18
HSL	53°, 45%, 66%
HSV	53°, 37%, 82%
XYZ	50.4592, 55.8685, 29.2425
YIQ	193.8250, 27.5130, -19.5510

Conversions

Conversions Part 2

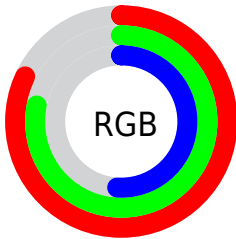
Format	Color
R _{YB}	140, 208, 130
Decimal	13682562
CIE Lab	79.54, -6.95, 35.69
CIE LCh	80, 36.355, 101.015
Yxy	55.8685, 0.3722, 0.4121
Android (android.graphics.Color)	4291872642 (0xFFD0C782)
YUV	193.8250, -31.4657, 12.4315
Hunter-Lab	74.7452, -10.3018, 29.1257

Details

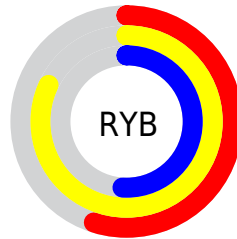
The Yxy color **55.8685, 0.3722, 0.4121** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.7515, 0.2464, 0.2293**, and the grayscale version is **54.0165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2407, 0.3550, 0.3988**, and **27.4907, 0.3863, 0.4337** is the 20% darker color. If you saturate the color by 10%, you get **54.2768, 0.3881, 0.4329**, and if you desaturate by 10%, it is **57.5954, 0.3558, 0.3900**.

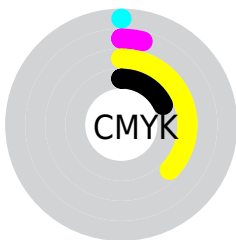
Distribution



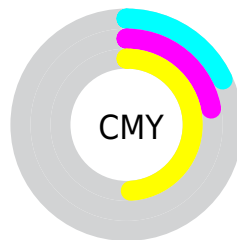
- Red (82%)
- Green (78%)
- Blue (51%)



- Red (55%)
- Yellow (82%)
- Blue (51%)



- Cyan (0%)
- Magenta (4%)
- Yellow (37%)
- Black (18%)





- Cyan (18%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8685, 0.3722, 0.4121 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 55.8685, 0.3722, 0.4121 by changing the saturation by 10% instead.

 55.8685, 0.3722,
0.4121

 55.8685, 0.3722,
0.4121


409.1957, 0.3443,
0.3718


 40.0975, 0.3785,
0.4216


 98.8123, 0.3625,
0.3979

 27.6146, 0.3861,
0.4334


 126.7539, 0.3588,
0.3924

 18.0353, 0.3954,
0.4483


 159.5211, 0.3555,
0.3877

 10.9753, 0.4068,
0.4675

197.4984, 0.3527,
0.3837

 6.0503, 0.4203,
0.4927

241.0701, 0.3502,
0.3801

 2.8757, 0.4526,
0.5474

290.6206, 0.3480,

 1.0672, 0.4387,

0.3770

0.5613

346.5344, 0.3460,
0.3743

0.0000, 0.0000,
0.0000

55.8685, 0.3722,
0.4121

55.8685, 0.3722,
0.4121

54.2768, 0.3881,
0.4329

57.5954, 0.3558,
0.3900

52.8058, 0.4029,
0.4515

59.4563, 0.3396,
0.3674

51.4503, 0.4160,
0.4668

61.4595, 0.3239,
0.3452

50.2018, 0.4267,
0.4781

63.6106, 0.3091,
0.3237

49.0499, 0.4347,
0.4849

65.9147, 0.2953,
0.3034

■ 47.9809, 0.4401,
0.4875

■ 68.3768, 0.2825,
0.2845

■ 47.7198, 0.4412,
0.4878

■ 69.6043, 0.2826,
0.2869

■ 70.8356, 0.2827,
0.2896

■ 72.0848, 0.2829,
0.2922

Harmonies

Analogous

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



55.8685, 0.4020, 0.3885



55.8685, 0.3722, 0.4121



55.8685, 0.3277, 0.4124

Triad

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



55.8685, 0.3722, 0.4121



55.8685, 0.2269, 0.2935



55.8685, 0.3406, 0.2817

Complementary

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



55.8685, 0.3722, 0.4121



27.7515, 0.2464, 0.2293

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.



55.8685, 0.2920, 0.2595



55.8685, 0.3722, 0.4121



55.8685, 0.2296, 0.2636

Square

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



55.8685, 0.3722, 0.4121



55.8685, 0.2449, 0.3382



55.8685, 0.2524, 0.2525



55.8685, 0.3840, 0.3148

Rectangle

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



55.8685, 0.3722, 0.4121



55.8685, 0.2961, 0.3965



55.8685, 0.2524, 0.2525



55.8685, 0.3242, 0.2729

Sweetspot

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



55.8711, 0.3722, 0.4121



96.2844, 0.3296, 0.3532



31.2380, 0.3930, 0.3176



20.5151, 0.3317, 0.3562



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.



55.8711, 0.3722, 0.4121



86.5561, 0.3850, 0.4290



56.1848, 0.3439, 0.4298



13.5560, 0.3269, 0.3494



29.8415, 0.4409, 0.4881



1.7359, 0.4364, 0.4917

Inverse Universe

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



27.7515, 0.2464, 0.2293



35.7417, 0.2300, 0.2037



27.9801, 0.2705, 0.2237



11.6333, 0.2982, 0.3078



3.3155, 0.1525, 0.0689



0.2605, 0.1591, 0.0925

Previews

White Background



This preview shows how the Yxy color 55.8685, 0.3722, 0.4121 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 55.8685, 0.3722, 0.4121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

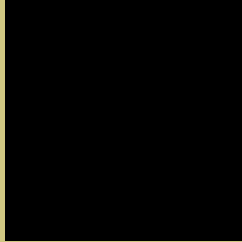
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8685, 0.3722, 0.4121

Background



This preview shows how black text looks on a background with the Yxy color 55.8685, 0.3722, 0.4121.

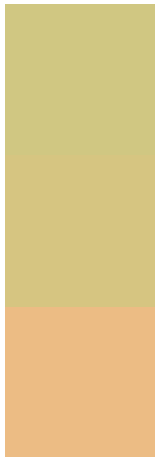


This preview shows how white text looks on a background with the Yxy color 55.8685, 0.3722, 0.4121.

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

55.8685, 0.3722, 0.4121

Protanopia

55.8136, 0.3790, 0.4095

Deuteranopia

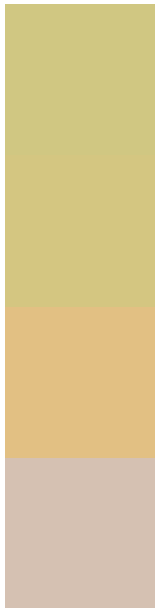
55.4652, 0.4003, 0.3913



Tritanopia

55.8336, 0.3225, 0.3118

Trichromacy



Original Color

55.8685, 0.3722, 0.4121

Protanomaly

55.9702, 0.3769, 0.4111

Deuteranomaly

55.5067, 0.3903, 0.3989

Tritanomaly

55.5004, 0.3409, 0.3469

Monochromacy



Original Color

55.8685, 0.3722, 0.4121

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.5622, 0.3341, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8685, 0.3722, 0.4121 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(208, 199, 130)` looks like.

```
.text, #text, p{  
    color:rgb(208, 199, 130)  
}
```

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(208, 199, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 130) }
```

Border

The CSS property to change the border of an element to Yxy 55.8685, 0.3722, 0.4121 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(208, 199, 130) }
```

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

```
.border{ border-color:rgb(208, 199, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 199, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 199, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 199, 130); box-shadow:4px 4px 4px 4px rgb(208, 199, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8685, 0.3722, 0.4121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 130) }
```

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

```
.background{ background-color: rgb(208,  
199, 130) }
```

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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