

Converting Colors

$Y_{xy}(55.0192, 0.3782, 0.4092)$

Have a look what the booklet for
Yxy(55.0192, 0.3782, 0.4092)
contains.

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Color

Yxy(55.0619, 0.3777, 0.4090)

Conversions

Conversions Part 1

Format	Color
Hex	D4C481
RGB	212, 196, 129
RGB Percent	83%, 77%, 51%
CMY	0.1687, 0.2313, 0.4941
CMYK	0.00, 0.08, 0.39, 0.17
HSL	48°, 49%, 67%
HSV	48°, 39%, 83%
XYZ	50.8481, 55.0619, 28.7157
YIQ	193.1460, 31.0430, -17.4450

Conversions

Conversions Part 2

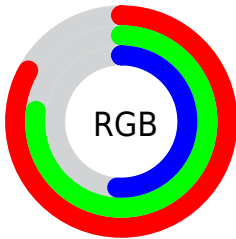
Format	Color
R _Y B	149, 212, 129
Decimal	13943937
CIE Lab	79.08, -3.92, 35.67
CIE LCh	79, 35.883, 96.268
Yxy	55.0619, 0.3777, 0.4090
Android (android.graphics.Color)	4292134017 (0xFFD4C481)
YUV	193.1460, -31.6240, 16.5350
Hunter-Lab	74.2037, -7.5393, 28.9983

Details

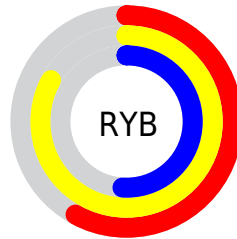
The Yxy color **55.0619, 0.3777, 0.4090** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.6574, 0.2444, 0.2334**, and the grayscale version is **53.5942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2997, 0.3563, 0.3972**, and **26.9640, 0.3941, 0.4292** is the 20% darker color. If you saturate the color by 10%, you get **52.7433, 0.3952, 0.4282**, and if you desaturate by 10%, it is **57.5525, 0.3601, 0.3885**.

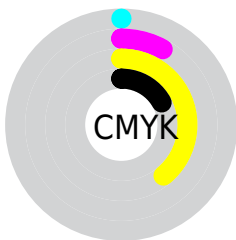
Distribution



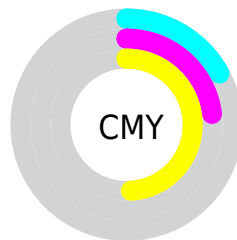
- Red (83%)
- Green (77%)
- Blue (51%)



- Red (58%)
- Yellow (83%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (39%)
- Black (17%)





- Cyan (17%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0619, 0.3777, 0.4090 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 55.0619, 0.3777, 0.4090 by changing the saturation by 10% instead.


 55.0619, 0.3777,
0.4090


 55.0619, 0.3777,
0.4090

406.1465, 0.3469,
0.3704


 39.4513, 0.3847,
0.4180


 97.6316, 0.3670,
0.3954

 27.1110, 0.3932,
0.4291


 125.3596, 0.3628,
0.3902

 17.6566, 0.4038,
0.4431


 157.8954, 0.3592,
0.3857

 10.7037, 0.4168,
0.4610

195.6234, 0.3561,
0.3818

 5.8680, 0.4327,
0.4839

238.9282, 0.3534,
0.3784

 2.7650, 0.4677,
0.5323

288.1941, 0.3510,

 1.0103, 0.4597,

0.3754

0.5403

343.8054, 0.3488,
0.3728

0.0000, 0.0000,
0.0000

55.0619, 0.3777,
0.4090

55.0619, 0.3777,
0.4090

52.7433, 0.3952,
0.4282

57.5525, 0.3601,
0.3885

50.5814, 0.4119,
0.4452

60.2145, 0.3430,
0.3677

48.5702, 0.4271,
0.4589


63.0571, 0.3267,
0.3471


46.7002, 0.4401,
0.4685


66.0863, 0.3115,
0.3273

44.9600, 0.4503,
0.4735

69.3079, 0.2975,
0.3087


 43.3314, 0.4577,
0.4743

 72.6509, 0.2854,
0.2924

 43.1953, 0.4583,
0.4743

 74.8235, 0.2856,
0.2968

 77.0487, 0.2858,
0.3012

 79.3269, 0.2860,
0.3056

Harmonies

Analogous

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



55.0619, 0.4038, 0.3830



55.0619, 0.3777, 0.4090



55.0619, 0.3351, 0.4135

Triad

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



55.0619, 0.3777, 0.4090



55.0619, 0.2290, 0.3001



55.0619, 0.3327, 0.2777

Complementary

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



55.0619, 0.3777, 0.4090



29.6574, 0.2444, 0.2334

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.



55.0619, 0.2851, 0.2578



55.0619, 0.3777, 0.4090



55.0619, 0.2284, 0.2676

Square

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



55.0619, 0.3777, 0.4090



55.0619, 0.2501, 0.3458



55.0619, 0.2480, 0.2536



55.0619, 0.3776, 0.3093

Rectangle

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



55.0619, 0.3777, 0.4090



55.0619, 0.3036, 0.4007



55.0619, 0.2480, 0.2536



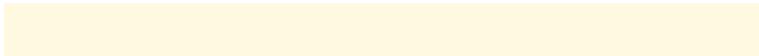
55.0619, 0.3164, 0.2696

Sweetspot

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



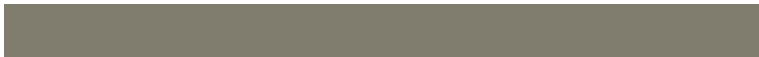
55.0644, 0.3777, 0.4090



94.4855, 0.3314, 0.3532



31.7561, 0.3900, 0.3085



20.1007, 0.3336, 0.3559



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.



55.0644, 0.3777, 0.4090



80.6969, 0.3924, 0.4252



59.2342, 0.3507, 0.4326



14.0950, 0.3271, 0.3477



26.8144, 0.4577, 0.4748



1.7239, 0.4499, 0.4810

Inverse Universe

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



29.6574, 0.2444, 0.2334



36.9064, 0.2280, 0.2087



27.3117, 0.2619, 0.2165



12.3915, 0.2982, 0.3096



4.0147, 0.1553, 0.0792



0.3580, 0.1639, 0.1101

Previews

White Background



This preview shows how the Yxy color 55.0619, 0.3777, 0.4090 looks on a white background.

Color Contrast Check

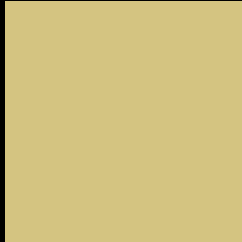
Large Text (above 18pt) WCAG AA × Fail

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 55.0619, 0.3777, 0.4090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

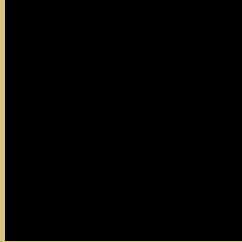
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0619, 0.3777, 0.4090

Background



This preview shows how black text looks on a background with the Yxy color 55.0619, 0.3777, 0.4090.



This preview shows how white text looks on a background with the Yxy color 55.0619, 0.3777, 0.4090.

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

55.0619, 0.3777, 0.4090

Protanopia

55.2110, 0.3786, 0.4087

Deuteranopia

54.8415, 0.4007, 0.3915



Tritanopia

55.0206, 0.3285, 0.3119

Trichromacy



Original Color

55.0619, 0.3777, 0.4090

Protanomaly

55.2110, 0.3786, 0.4087

Deuteranomaly

54.7695, 0.3930, 0.3977

Tritanomaly

54.6738, 0.3474, 0.3468

Monochromacy



Original Color

55.0619, 0.3777, 0.4090

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.7652, 0.3360, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0619, 0.3777, 0.4090 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(212, 196, 129)` looks like.

```
.text, #text, p{  
    color:rgb(212, 196, 129)  
}
```

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(212, 196, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 196, 129) }
```

Border

The CSS property to change the border of an element to Yxy 55.0619, 0.3777, 0.4090 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(212, 196, 129) }
```

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

```
.border{ border-color:rgb(212, 196, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 196, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 196, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 196, 129);  
box-shadow:4px 4px 4px 4px rgb(212, 196,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0619, 0.3777, 0.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 196, 129) }
```

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

```
.background{ background-color: rgb(212,  
196, 129) }
```

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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