

Converting Colors

$Yxy(53.6226, 0.3986, 0.4222)$

Have a look what the booklet for
Yxy(53.6226, 0.3986, 0.4222)
contains.

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Color

Yxy(53.7524, 0.3983, 0.4228)

Conversions

Conversions Part 1

Format	Color
Hex	DAC06F
RGB	218, 192, 111
RGB Percent	85%, 75%, 44%
CMY	0.1450, 0.2471, 0.5647
CMYK	0.00, 0.12, 0.49, 0.15
HSL	45°, 59%, 65%
HSV	45°, 49%, 85%
XYZ	50.6376, 53.7524, 22.7443
YIQ	190.5400, 41.4970, -19.6790

Conversions

Conversions Part 2

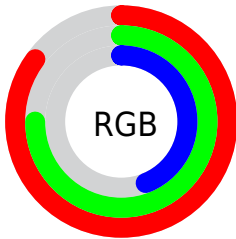
Format	Color
RYB	145, 218, 111
Decimal	14336111
CIELab	78.32, -1.20, 43.95
CIELCh	78, 43.964, 91.569
Yxy	53.7524, 0.3983, 0.4228
Android (android.graphics.Color)	4292526191 (0xFFDAC06F)
YUV	190.5400, -39.2132, 24.0824
Hunter-Lab	73.3160, -5.0174, 32.9281

Details

The Yxy color **53.7524, 0.3983, 0.4228** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.3413, 0.2263, 0.2117**, and the grayscale version is **52.0359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0751, 0.3688, 0.4121**, and **26.3792, 0.4174, 0.4444** is the 20% darker color. If you saturate the color by 10%, you get **51.0452, 0.4166, 0.4390**, and if you desaturate by 10%, it is **56.6657, 0.3796, 0.4045**.

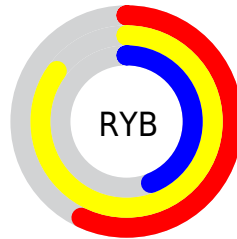
Distribution



Red (85%)

Green (75%)

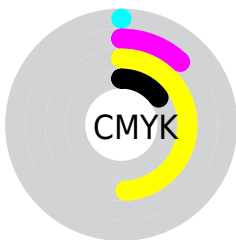
Blue (44%)



Red (57%)

Yellow (85%)

Blue (44%)

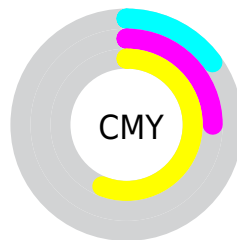


Cyan (0%)

Magenta (12%)

Yellow (49%)

Black (15%)



Cyan (15%)

Magenta (25%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7524, 0.3983, 0.4228 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 53.7524, 0.3983, 0.4228 by changing the saturation by 10% instead.

 53.7524, 0.3983,
0.4228


 53.7524, 0.3983,
0.4228


401.1651, 0.3580,
0.3784

 38.4037, 0.4072,
0.4327


 95.7106, 0.3844,
0.4074

 26.2962, 0.4179,
0.4447


 123.0889, 0.3790,
0.4014

 17.0454, 0.4308,
0.4592


 155.2460, 0.3743,
0.3962

 10.2668, 0.4459,
0.4765

 192.5661, 0.3702,
0.3917

 5.5762, 0.4678,
0.5016

235.4336, 0.3666,
0.3878

 2.5892, 0.4812,
0.5188

284.2331, 0.3634,

 0.9212, 0.4787,

0.3843

0.5213

339.3488, 0.3605,
0.3812

0.0000, 0.0000,
0.0000

53.7524, 0.3983,
0.4228

53.7524, 0.3983,
0.4228

51.0452, 0.4166,
0.4390

56.6657, 0.3796,
0.4045

48.5271, 0.4336,
0.4520

59.7862, 0.3611,
0.3850

46.1897, 0.4485,
0.4608

63.1245, 0.3433,
0.3653

44.0205, 0.4606,
0.4649

66.6879, 0.3267,
0.3459

41.9999, 0.4699,
0.4646

70.4834, 0.3114,
0.3273

■ 41.8209, 0.4707,
0.4645

■ 74.5177, 0.2974,
0.3098

■ 78.2294, 0.2897,
0.3020

■ 81.2105, 0.2898,
0.3076

■ 84.2819, 0.2900,
0.3132

Harmonies

Analogous

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



53.7524, 0.4271, 0.3865



53.7524, 0.3983, 0.4228



53.7524, 0.3478, 0.4358

Triad

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



53.7524, 0.3983, 0.4228



53.7524, 0.2135, 0.3002



53.7524, 0.3273, 0.2622

Complementary

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



53.7524, 0.3983, 0.4228



26.3413, 0.2263, 0.2117

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.



53.7524, 0.2702, 0.2410



53.7524, 0.3983, 0.4228



53.7524, 0.2093, 0.2580

Square

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



53.7524, 0.3983, 0.4228



53.7524, 0.2419, 0.3587



53.7524, 0.2288, 0.2386



53.7524, 0.3851, 0.2978

Rectangle

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



53.7524, 0.3983, 0.4228



53.7524, 0.3094, 0.4245



53.7524, 0.2288, 0.2386



53.7524, 0.3072, 0.2533

Sweetspot

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



53.7549, 0.3983, 0.4228



91.9848, 0.3366, 0.3576



28.1057, 0.4141, 0.2971



19.4604, 0.3402, 0.3617



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.



53.7549, 0.3983, 0.4228



72.6279, 0.4173, 0.4396



62.4142, 0.3629, 0.4576



14.6994, 0.3273, 0.3466



25.2248, 0.4697, 0.4652



1.7652, 0.4598, 0.4731

Inverse Universe

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



26.3413, 0.2263, 0.2117



29.2863, 0.2071, 0.1817



21.8143, 0.2406, 0.1823



13.1289, 0.2981, 0.3108



4.7005, 0.1578, 0.0882



0.4396, 0.1665, 0.1195

Previews

White Background



This preview shows how the Yxy color 53.7524, 0.3983, 0.4228 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 53.7524, 0.3983, 0.4228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

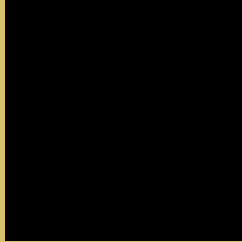
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7524, 0.3983, 0.4228

Background



This preview shows how black text looks on a background with the Yxy color 53.7524, 0.3983, 0.4228.

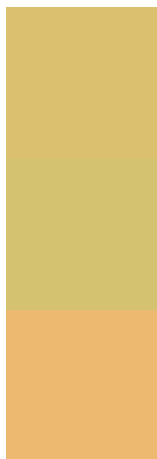


This preview shows how white text looks on a background with the Yxy color 53.7524, 0.3983, 0.4228.

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

53.7524, 0.3983, 0.4228

Protanopia

53.8996, 0.3920, 0.4255

Deuteranopia

53.7230, 0.4169, 0.4078



Tritanopia

53.6102, 0.3392, 0.3132

Trichromacy



Original Color

53.7524, 0.3983, 0.4228

Protanomaly

53.7569, 0.3943, 0.4238

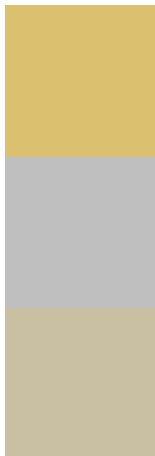
Deuteranomaly

53.7943, 0.4096, 0.4140

Tritanomaly

53.5224, 0.3620, 0.3536

Monochromacy



Original Color

53.7524, 0.3983, 0.4228

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2877, 0.3438, 0.3651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7524, 0.3983, 0.4228 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(218, 192, 111)` looks like.

```
.text, #text, p{  
    color:rgb(218, 192, 111)  
}
```

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(218, 192, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 192, 111) }
```

Border

The CSS property to change the border of an element to Yxy 53.7524, 0.3983, 0.4228 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(218, 192, 111) }
```

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

```
.border{ border-color:rgb(218, 192, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 192, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 192, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 192, 111);  
box-shadow:4px 4px 4px 4px rgb(218, 192,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7524, 0.3983, 0.4228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 192, 111) }
```

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

```
.background{ background-color: rgb(218,  
192, 111) }
```

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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