

Converting Colors

$Y_{xy}(40.6214, 0.3978, 0.3767)$

Have a look what the booklet for
Yxy(40.6214, 0.3978, 0.3767)
contains.

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Color

Yxy(40.6214, 0.3978, 0.3767)

Conversions

Conversions Part 1

Format	Color
Hex	D2A17B
RGB	210, 161, 123
RGB Percent	82%, 63%, 48%
CMY	0.1765, 0.3686, 0.5177
CMYK	0.00, 0.23, 0.41, 0.18
HSL	26°, 49%, 65%
HSV	26°, 41%, 82%
XYZ	42.8967, 40.6214, 24.3168
YIQ	171.3190, 41.4020, -1.4300

Conversions

Conversions Part 2

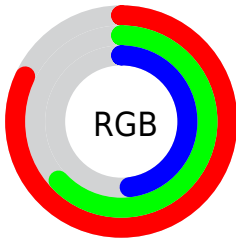
Format	Color
R _Y B	210, 190, 123
Decimal	13803899
CIE Lab	69.91, 13.23, 26.78
CIE LCh	70, 29.867, 63.711
Yxy	40.6214, 0.3978, 0.3767
Android (android.graphics.Color)	4291993979 (0xFFD2A17B)
YUV	171.3190, -23.8213, 33.9232
Hunter-Lab	63.7349, 8.6031, 21.9935

Details

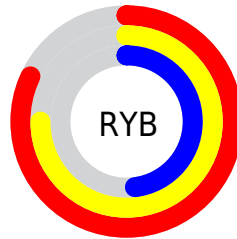
The Yxy color **40.6214, 0.3978, 0.3767** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.3612, 0.2477, 0.2751**, and the grayscale version is **41.0006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5063, 0.3709, 0.3703**, and **18.3017, 0.4236, 0.3870** is the 20% darker color. If you saturate the color by 10%, you get **36.2133, 0.4255, 0.3876**, and if you desaturate by 10%, it is **45.5370, 0.3728, 0.3649**.

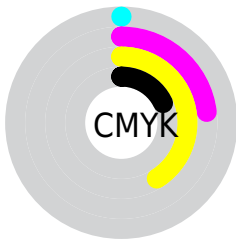
Distribution



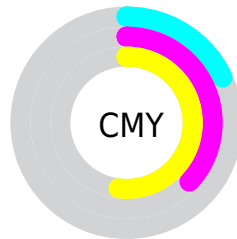
- Red (82%)
- Green (63%)
- Blue (48%)



- Red (82%)
- Yellow (75%)
- Blue (48%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (18%)





- Cyan (18%)
- Magenta (37%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6214, 0.3978, 0.3767 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 40.6214, 0.3978, 0.3767 by changing the saturation by 10% instead.


 40.6214, 0.3978,
0.3767


 40.6214, 0.3978,
0.3767


348.7358, 0.3542,
0.3538

 28.0234, 0.4088,
0.3819


 76.1088, 0.3818,
0.3687

 18.3433, 0.4230,
0.3882


 99.7670, 0.3758,
0.3656

 11.1967, 0.4417,
0.3959


 127.8807, 0.3708,
0.3629

 6.1993, 0.4673,
0.4049

160.8344, 0.3665,
0.3606

 2.9667, 0.5079,
0.4178

199.0123, 0.3628,
0.3586

 1.1143, 0.5708,
0.4292

242.7989, 0.3596,

 0.0000, 1.0000,

0.3568

0.0000

292.5786, 0.3567,
0.3552

0.0000, 0.0000,
0.0000

40.6214, 0.3978,
0.3767

40.6214, 0.3978,
0.3767

36.2133, 0.4255,
0.3876

45.5370, 0.3728,
0.3649

32.2888, 0.4552,
0.3966

50.9714, 0.3508,
0.3530

28.8304, 0.4857,
0.4025

56.9424, 0.3315,
0.3415

25.8171, 0.5152,
0.4039

63.4655, 0.3149,
0.3305

23.2253, 0.5414,
0.4001

70.5553, 0.3005,
0.3203

■ 21.3125, 0.5605,
0.3932

■ 78.2259, 0.2882,
0.3109

■ 85.4872, 0.2854,
0.3173

■ 92.4407, 0.2860,
0.3289

Harmonies

Analogous

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



40.6214, 0.3958, 0.3428



40.6214, 0.3978, 0.3767



40.6214, 0.3757, 0.4015

Triad

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



40.6214, 0.3978, 0.3767



40.6214, 0.2574, 0.3483



40.6214, 0.2839, 0.2619

Complementary

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



40.6214, 0.3978, 0.3767



38.3612, 0.2477, 0.2751

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.



40.6214, 0.2506, 0.2596



40.6214, 0.3978, 0.3767



40.6214, 0.2361, 0.3059

Square

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



40.6214, 0.3978, 0.3767



40.6214, 0.2940, 0.3874



40.6214, 0.2338, 0.2744



40.6214, 0.3274, 0.2794

Rectangle

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



40.6214, 0.3978, 0.3767



40.6214, 0.3512, 0.4080



40.6214, 0.2338, 0.2744



40.6214, 0.2713, 0.2593

Sweetspot

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



40.6233, 0.3978, 0.3767



87.6790, 0.3328, 0.3423



30.8554, 0.3578, 0.2684



18.4962, 0.3352, 0.3438



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.



40.6233, 0.3978, 0.3767



56.7590, 0.4230, 0.3867



58.4085, 0.3767, 0.4248



12.6459, 0.3280, 0.3392



13.1937, 0.5580, 0.3952



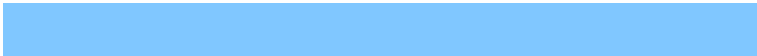
0.8943, 0.5263, 0.4203

Inverse Universe

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



38.3612, 0.2477, 0.2751



52.7511, 0.2340, 0.2606



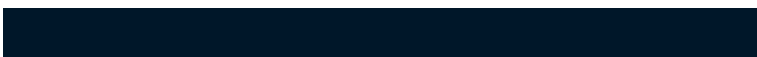
24.5101, 0.2374, 0.2106



12.5063, 0.2983, 0.3186



10.9802, 0.1835, 0.1804



0.7704, 0.1917, 0.2103

Previews

White Background



This preview shows how the Yxy color 40.6214, 0.3978, 0.3767 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 40.6214, 0.3978, 0.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

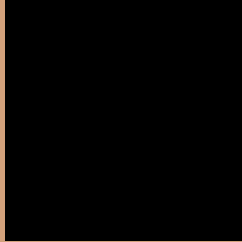
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6214, 0.3978, 0.3767

Background



This preview shows how black text looks on a background with the Yxy color 40.6214, 0.3978, 0.3767.



This preview shows how white text looks on a background with the Yxy color 40.6214, 0.3978, 0.3767.

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

40.6214, 0.3978, 0.3767

Protanopia

40.7254, 0.3626, 0.3894

Deuteranopia

40.6526, 0.3902, 0.3830



Tritanopia

40.5289, 0.3602, 0.3144

Trichromacy



Original Color

40.6214, 0.3978, 0.3767

Protanomaly

40.4812, 0.3750, 0.3836

Deuteranomaly

40.7213, 0.3937, 0.3811

Tritanomaly

40.4944, 0.3748, 0.3366

Monochromacy



Original Color

40.6214, 0.3978, 0.3767

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2848, 0.3413, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6214, 0.3978, 0.3767 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(210, 161, 123)` looks like.

```
.text, #text, p{  
    color:rgb(210, 161, 123)  
}
```

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(210, 161, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 161, 123) }
```

Border

The CSS property to change the border of an element to Yxy 40.6214, 0.3978, 0.3767 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(210, 161, 123) }
```

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

```
.border{ border-color:rgb(210, 161, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 161, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 161, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 161, 123);  
box-shadow:4px 4px 4px 4px rgb(210, 161,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6214, 0.3978, 0.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 161, 123) }
```

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

```
.background{ background-color: rgb(210,  
161, 123) }
```

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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