

Converting Colors

$Y_{xy}(42.1881, 0.4058, 0.3724)$

Have a look what the booklet for
Yxy(42.1881, 0.4058, 0.3724)
contains.

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Color

Yxy(42.1861, 0.4058, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	DCA17D
RGB	220, 161, 125
RGB Percent	86%, 63%, 49%
CMY	0.1371, 0.3687, 0.5098
CMYK	0.00, 0.27, 0.43, 0.14
HSL	23°, 58%, 68%
HSV	23°, 43%, 86%
XYZ	45.9697, 42.1861, 25.1259
YIQ	174.5370, 46.7200, 1.3120

Conversions

Conversions Part 2

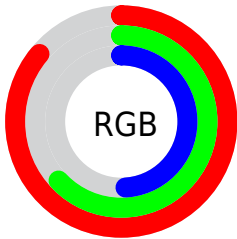
Format	Color
R_{YB}	220, 183, 125
Decimal	14459261
CIE Lab	71.00, 17.48, 27.32
CIE LCh	71, 32.438, 57.391
Yxy	42.1861, 0.4058, 0.3724
Android (android.graphics.Color)	4292649341 (0xFFDCA17D)
YUV	174.5370, -24.4217, 39.8711
Hunter-Lab	64.9508, 12.6715, 22.5296

Details

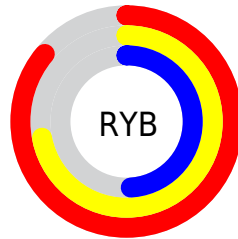
The Yxy color $42.1861, 0.4058, 0.3724$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $43.8340, 0.2462, 0.2800$, and the grayscale version is $42.7307, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.5861, 0.3694, 0.3682$, and $19.2456, 0.4330, 0.3809$ is the 20% darker color. If you saturate the color by 10%, you get $37.1668, 0.4359, 0.3816$, and if you desaturate by 10%, it is $47.8566, 0.3789, 0.3622$.

Distribution



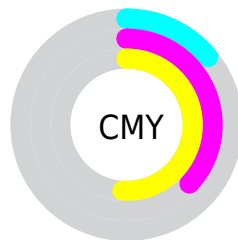
- Red (86%)
- Green (63%)
- Blue (49%)



- Red (86%)
- Yellow (72%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (43%)
- Black (14%)





- Cyan (14%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1861, 0.4058, 0.3724 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 42.1861, 0.4058, 0.3724 by changing the saturation by 10% instead.


 42.1861, 0.4058,
0.3724


 42.1861, 0.4058,
0.3724


355.2538, 0.3583,
0.3522

 29.2470, 0.4177,
0.3768


 78.4812, 0.3884,
0.3655

 19.2678, 0.4330,
0.3819

 102.6060, 0.3819,
0.3628

 11.8639, 0.4531,
0.3879

 131.2282, 0.3765,
0.3604

 6.6511, 0.4805,
0.3944

164.7322, 0.3718,
0.3584

 3.2449, 0.5215,
0.4016

203.5024, 0.3677,
0.3566

 1.2609, 0.5912,
0.4088

247.9231, 0.3642,

 0.1106, 0.8279,

0.3549

0.1721

298.3788, 0.3611,
0.3535

0.0000, 0.0000,
0.0000

42.1861, 0.4058,
0.3724

42.1861, 0.4058,
0.3724

37.1668, 0.4359,
0.3816

47.8566, 0.3789,
0.3622

32.7674, 0.4685,
0.3888

54.1957, 0.3553,
0.3518

28.9632, 0.5019,
0.3926

61.2276, 0.3351,
0.3416

25.7247, 0.5339,
0.3919

68.9736, 0.3177,
0.3319

23.0190, 0.5616,
0.3860

77.4538, 0.3029,
0.3229

■ 21.4549, 0.5776,
0.3796

■ 86.5559, 0.2914,
0.3167

■ 93.9607, 0.2917,
0.3289

Harmonies

Analogous

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



42.1861, 0.3980, 0.3354



42.1861, 0.4058, 0.3724



42.1861, 0.3868, 0.4022

Triad

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



42.1861, 0.4058, 0.3724



42.1861, 0.2605, 0.3595



42.1861, 0.2731, 0.2556

Complementary

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



42.1861, 0.4058, 0.3724



43.8340, 0.2462, 0.2800

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.



42.1861, 0.2410, 0.2566



42.1861, 0.4058, 0.3724



42.1861, 0.2341, 0.3130

Square

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



42.1861, 0.4058, 0.3724



42.1861, 0.3020, 0.3987



42.1861, 0.2274, 0.2761



42.1861, 0.3181, 0.2710

Rectangle

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



42.1861, 0.4058, 0.3724



42.1861, 0.3626, 0.4127



42.1861, 0.2274, 0.2761



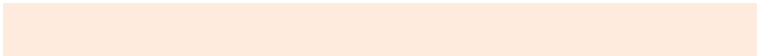
42.1861, 0.2606, 0.2540

Sweetspot

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



42.1881, 0.4058, 0.3724



85.6005, 0.3349, 0.3415



33.4022, 0.3535, 0.2588



17.8355, 0.3392, 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.



42.1881, 0.4058, 0.3724



52.4115, 0.4336, 0.3810



61.5036, 0.3824, 0.4228



13.8555, 0.3282, 0.3379



12.7861, 0.5748, 0.3818



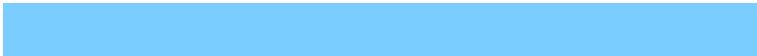
0.9913, 0.5442, 0.4061

Inverse Universe

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



43.8340, 0.2462, 0.2800



54.9508, 0.2331, 0.2673



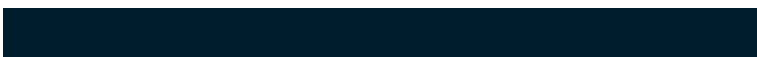
27.6160, 0.2349, 0.2133



13.9581, 0.2982, 0.3199



13.7042, 0.1891, 0.2006



1.0519, 0.1955, 0.2238

Previews

White Background



This preview shows how the Yxy color 42.1861, 0.4058, 0.3724 looks on a white background.

Color Contrast Check

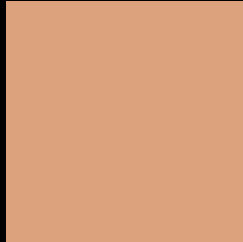
Large Text (above 18pt) WCAG AA × Fail

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 42.1861, 0.4058, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

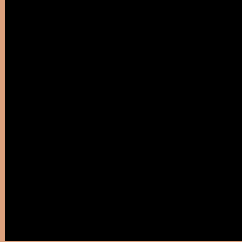
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1861, 0.4058, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 42.1861, 0.4058, 0.3724.



This preview shows how white text looks on a background with the Yxy color 42.1861, 0.4058, 0.3724.

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

42.1861, 0.4058, 0.3724

Protanopia

42.3499, 0.3609, 0.3871

Deuteranopia

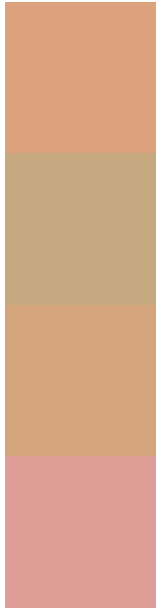
42.3581, 0.3908, 0.3833



Tritanopia

42.0800, 0.3701, 0.3150

Trichromacy



Original Color

42.1861, 0.4058, 0.3724

Protanomaly

41.9667, 0.3764, 0.3812

Deuteranomaly

42.3626, 0.3967, 0.3799

Tritanomaly

42.0689, 0.3837, 0.3352

Monochromacy



Original Color

42.1861, 0.4058, 0.3724

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.2601, 0.3437, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1861, 0.4058, 0.3724 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(220, 161, 125)` looks like.

```
.text, #text, p{  
    color:rgb(220, 161, 125)  
}
```

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(220, 161, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 161, 125) }
```

Border

The CSS property to change the border of an element to Yxy 42.1861, 0.4058, 0.3724 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(220, 161, 125) }
```

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

```
.border{ border-color:rgb(220, 161, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 161, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 161, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 161, 125); box-shadow:4px 4px 4px 4px rgb(220, 161, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1861, 0.4058, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 161, 125) }
```

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

```
.background{ background-color: rgb(220,  
161, 125) }
```

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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