Converting Colors

Yxy(42.1861, 0.4058, 0.3724)

Have a look what the booklet for Yxy(42.1861, 0.4058, 0.3724) contains.

Yxy(42.1861, 0.4058, 0.3724) 3
Conversions 4
Details 6
Harmonies 12
Previews 24
Color Blindness Simulation 27
CSS Examples 30

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

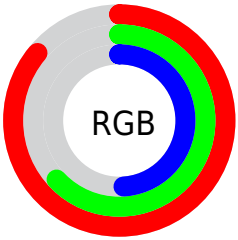
Format	Color
RYB	220, 183, 125
Decimal	14459261
CIELab	71.00, 17.48, 27.32
CIELCh	71, 32.438, 57.391
Yxy	42.1861, 0.4058, 0.3724
Android (android.graphics.Color)	4292649341 (0xFFDCA17D)
YUV	174.5370, -24.4217, 39.8711
Hunter-Lab	64.9508, 12.6715, 22.5296

Details

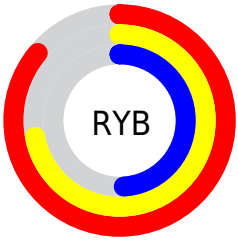
The Yxy color 42.1861, 0.4058, 0.3724 is a light color, and the websafe version is hex CC9966. A complement of this color would be 43.8340, 0.2462, 0.2800, and the grayscale version is 42.7307, 0.3127, 0.3290.

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

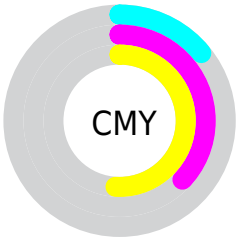


- Red (86%)
- Green (63%)
- Blue (49%)



- 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

355.2538, 0.3583, 0.3522

78.4812, 0.3884, 0.3655

102.6060, 0.3819, 0.3628

131.2282, 0.3765, 0.3604

164.7322, 0.3718, 0.3584

203.5024, 0.3677, 0.3566

247.9231, 0.3642,

42.1861, 0.4058, 0.3724

29.2470, 0.4177, 0.3768

19.2678, 0.4330, 0.3819

11.8639, 0.4531, 0.3879

6.6511, 0.4805, 0.3944

3.2449, 0.5215, 0.4016

1.2609, 0.5912, 0.4088

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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