

Converting Colors

$Y_{xy}(42.0562, 0.4038, 0.3714)$

Have a look what the booklet for
Yxy(42.0562, 0.4038, 0.3714)
contains.

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Color

Yxy(42.0562, 0.4038, 0.3714)

Conversions

Conversions Part 1

Format	Color
Hex	DBA17E
RGB	219, 161, 126
RGB Percent	86%, 63%, 49%
CMY	0.1412, 0.3686, 0.5058
CMYK	0.00, 0.26, 0.42, 0.14
HSL	23°, 56%, 68%
HSV	23°, 42%, 86%
XYZ	45.7251, 42.0562, 25.4557
YIQ	174.3520, 45.8030, 1.4110

Conversions

Conversions Part 2

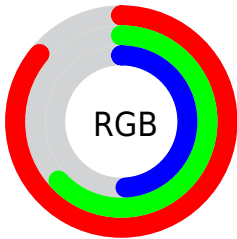
Format	Color
RYB	219, 182, 126
Decimal	14393726
CIELab	70.91, 17.17, 26.64
CIElCh	71, 31.690, 57.195
Yxy	42.0562, 0.4038, 0.3714
Android (android.graphics.Color)	4292583806 (0xFFDBA17E)
YUV	174.3520, -23.8375, 39.1563
Hunter-Lab	64.8508, 12.3683, 22.1226

Details

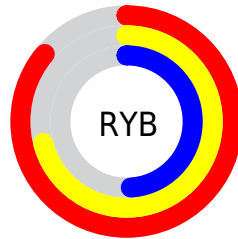
The Yxy color **42.0562, 0.4038, 0.3714** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.8421, 0.2473, 0.2813**, and the grayscale version is **42.6274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6264, 0.3687, 0.3672**, and **19.1545, 0.4304, 0.3798** is the 20% darker color. If you saturate the color by 10%, you get **37.0364, 0.4338, 0.3807**, and if you desaturate by 10%, it is **47.7255, 0.3771, 0.3612**.

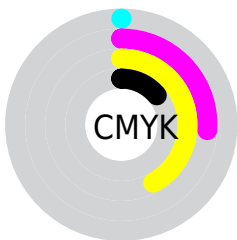
Distribution



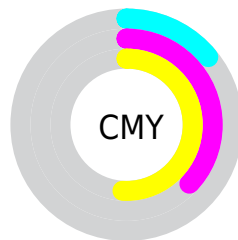
- Red (86%)
- Green (63%)
- Blue (49%)



- Red (86%)
- Yellow (71%)
- Blue (49%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)
- Black (14%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0562, 0.4038, 0.3714 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 42.0562, 0.4038, 0.3714 by changing the saturation by 10% instead.


 42.0562, 0.4038,
0.3714


 42.0562, 0.4038,
0.3714


354.7159, 0.3573,
0.3516


 29.1453, 0.4155,
0.3757


 78.2847, 0.3868,
0.3646

 19.1908, 0.4305,
0.3808


 102.3710, 0.3804,
0.3620

 11.8082, 0.4504,
0.3868


 130.9513, 0.3751,
0.3597

 6.6132, 0.4774,
0.3934

164.4100, 0.3705,
0.3576

 3.2214, 0.5177,
0.4005

203.1314, 0.3665,
0.3559

 1.2484, 0.5898,
0.4102

247.4999, 0.3630,

 0.1007, 0.8364,

0.3543

0.1636

297.8999, 0.3600,
0.3529

0.0000, 0.0000,
0.0000

42.0562, 0.4038,
0.3714

42.0562, 0.4038,
0.3714

37.0364, 0.4338,
0.3807

47.7255, 0.3771,
0.3612

32.6351, 0.4663,
0.3880

54.0615, 0.3538,
0.3509

28.8278, 0.4999,
0.3920

61.0885, 0.3337,
0.3408

25.5852, 0.5321,
0.3917

68.8273, 0.3165,
0.3312

22.8750, 0.5603,
0.3861

77.2981, 0.3019,
0.3224

■ 21.1532, 0.5782,
0.3791

■ 86.3627, 0.2907,
0.3166

■ 93.7997, 0.2911,
0.3289

Harmonies

Analogous

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



42.0562, 0.3959, 0.3351



42.0562, 0.4038, 0.3714



42.0562, 0.3854, 0.4005

Triad

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



42.0562, 0.4038, 0.3714



42.0562, 0.2619, 0.3591



42.0562, 0.2737, 0.2570

Complementary

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



42.0562, 0.4038, 0.3714



43.8421, 0.2473, 0.2813

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.



42.0562, 0.2423, 0.2582



42.0562, 0.4038, 0.3714



42.0562, 0.2358, 0.3137

Square

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



42.0562, 0.4038, 0.3714



42.0562, 0.3026, 0.3972



42.0562, 0.2291, 0.2774



42.0562, 0.3178, 0.2721

Rectangle

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



42.0562, 0.4038, 0.3714



42.0562, 0.3619, 0.4108



42.0562, 0.2291, 0.2774



42.0562, 0.2615, 0.2554

Sweetspot

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



42.0582, 0.4038, 0.3714



85.5547, 0.3349, 0.3414



33.4877, 0.3526, 0.2599



17.8243, 0.3392, 0.3437



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.



42.0582, 0.4038, 0.3714



52.9638, 0.4306, 0.3798



60.9996, 0.3812, 0.4212



13.8502, 0.3282, 0.3378



12.7376, 0.5755, 0.3813



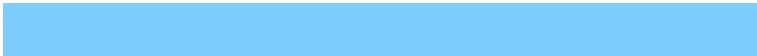
0.9878, 0.5448, 0.4056

Inverse Universe

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



43.8421, 0.2473, 0.2813



55.7543, 0.2346, 0.2691



27.8513, 0.2364, 0.2156



13.9635, 0.2982, 0.3200



13.7925, 0.1893, 0.2014



1.0573, 0.1957, 0.2245

Previews

White Background



This preview shows how the Yxy color 42.0562, 0.4038, 0.3714 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 42.0562, 0.4038, 0.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

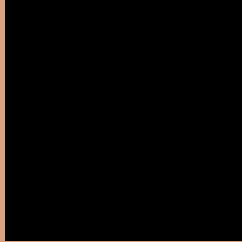
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0562, 0.4038, 0.3714

Background



This preview shows how black text looks on a background with the Yxy color 42.0562, 0.4038, 0.3714.



This preview shows how white text looks on a background with the Yxy color 42.0562, 0.4038, 0.3714.

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

42.0562, 0.4038, 0.3714

Protanopia

42.3772, 0.3600, 0.3858

Deuteranopia

42.2399, 0.3889, 0.3822



Tritanopia

41.9207, 0.3691, 0.3149

Trichromacy



Original Color

42.0562, 0.4038, 0.3714

Protanomaly

41.9934, 0.3755, 0.3799

Deuteranomaly

42.2398, 0.3948, 0.3788

Tritanomaly

41.9105, 0.3827, 0.3352

Monochromacy



Original Color

42.0562, 0.4038, 0.3714

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.7574, 0.3429, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0562, 0.4038, 0.3714 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(219, 161, 126)` looks like.

```
.text, #text, p{  
    color:rgb(219, 161, 126)  
}
```

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(219, 161, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 161, 126) }
```

Border

The CSS property to change the border of an element to Yxy 42.0562, 0.4038, 0.3714 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(219, 161, 126) }
```

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

```
.border{ border-color:rgb(219, 161, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 161, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 161, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 161, 126);  
box-shadow:4px 4px 4px 4px rgb(219, 161,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0562, 0.4038, 0.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 161, 126) }
```

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

```
.background{ background-color: rgb(219,  
161, 126) }
```

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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