

Converting Colors

$Y_{xy}(41.1664, 0.4256, 0.3784)$

Have a look what the booklet for
Yxy(41.1664, 0.4256, 0.3784)
contains.

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Color

Yxy(41.1606, 0.4252, 0.3781)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E29C72 |
| RGB | 226, 156, 114 |
| RGB Percent | 89%, 61%, 45% |
| CMY | 0.1137, 0.3882, 0.5531 |
| CMYK | 0.00, 0.31, 0.50, 0.11 |
| HSL | 23°, 66%, 67% |
| HSV | 23°, 50%, 89% |
| XYZ | 46.2880, 41.1606, 21.4131 |
| YIQ | 172.1420, 55.2020, 1.7780 |

Conversions

Conversions Part 2

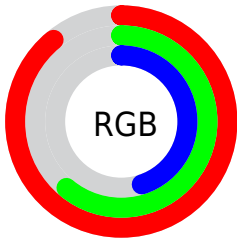
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 226, 181, 114 |
| Decimal | 14851186 |
| CIELab | 70.29, 21.45, 32.47 |
| CIELCh | 70, 38.912, 56.550 |
| Yxy | 41.1606, 0.4252, 0.3781 |
| Android (android.graphics.Color) | 4293041266 (0xFFE29C72) |
| YUV | 172.1420, -28.6640, 47.2335 |
| Hunter-Lab | 64.1565, 16.5112, 25.1207 |

Details

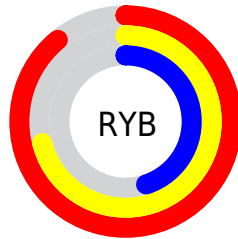
The Yxy color **41.1606, 0.4252, 0.3781** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.3275, 0.2370, 0.2717**, and the grayscale version is **41.4573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6017, 0.3800, 0.3756**, and **18.6071, 0.4586, 0.3869** is the 20% darker color. If you saturate the color by 10%, you get **36.2437, 0.4572, 0.3861**, and if you desaturate by 10%, it is **46.7595, 0.3960, 0.3685**.

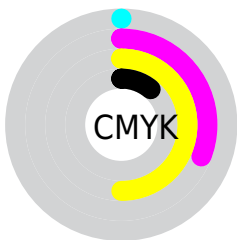
Distribution



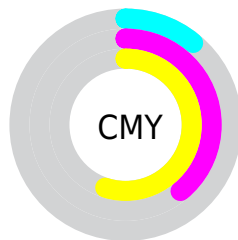
- Red (89%)
- Green (61%)
- Blue (45%)



- Red (89%)
- Yellow (71%)
- Blue (45%)



- Cyan (0%)
- Magenta (31%)
- Yellow (50%)
- Black (11%)





- Cyan (11%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1606, 0.4252, 0.3781 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 41.1606, 0.4252, 0.3781 by changing the saturation by 10% instead.


 41.1606, 0.4252,
0.3781


 41.1606, 0.4252,
0.3781


350.9914, 0.3678,
0.3560

 28.4446, 0.4395,
0.3825


 76.9276, 0.4043,
0.3708


 18.6611, 0.4577,
0.3875


 100.7474, 0.3964,
0.3678

 11.4256, 0.4813,
0.3927


 129.0373, 0.3898,
0.3652

 6.3539, 0.5127,
0.3971

 162.1816, 0.3841,
0.3629

 3.0614, 0.5693,
0.4073

200.5648, 0.3792,
0.3609

 1.1639, 0.6152,
0.3848

244.5712, 0.3749,

 0.0319, 0.9455,

0.3591

0.0545

294.5853, 0.3712,
0.3574

■ 0.0000, 0.0000,
0.0000

■ 41.1606, 0.4252,
0.3781

■ 41.1606, 0.4252,
0.3781

■ 36.2437, 0.4572,
0.3861

■ 46.7595, 0.3960,
0.3685

■ 31.9743, 0.4908,
0.3912

■ 53.0607, 0.3702,
0.3582

■ 28.3238, 0.5238,
0.3921

■ 60.0911, 0.3477,
0.3479

■ 25.2582, 0.5535,
0.3879

■ 67.8744, 0.3285,
0.3380

■ 22.7336, 0.5778,
0.3791

■ 76.4329, 0.3121,
0.3286

■ 22.6366, 0.5788,
0.3787

■ 85.7881, 0.2981,
0.3199

■ 94.8054, 0.2952,
0.3288

■ 94.9087, 0.2952,
0.3289

Harmonies

Analogous

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



41.1606, 0.4153, 0.3341



41.1606, 0.4252, 0.3781



41.1606, 0.4022, 0.4153

Triad

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



41.1606, 0.4252, 0.3781



41.1606, 0.2509, 0.3675



41.1606, 0.2636, 0.2418

Complementary

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



41.1606, 0.4252, 0.3781



43.3275, 0.2370, 0.2717

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.



41.1606, 0.2266, 0.2429



41.1606, 0.4252, 0.3781



41.1606, 0.2195, 0.3101

Square

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



41.1606, 0.4252, 0.3781



41.1606, 0.3005, 0.4158



41.1606, 0.2113, 0.2657



41.1606, 0.3171, 0.2596

Rectangle

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



41.1606, 0.4252, 0.3781



41.1606, 0.3732, 0.4299



41.1606, 0.2113, 0.2657



41.1606, 0.2490, 0.2399

Sweetspot

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



41.1626, 0.4252, 0.3781



83.4673, 0.3388, 0.3434



31.6942, 0.3622, 0.2489



17.4078, 0.3429, 0.3455



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.



41.1626, 0.4252, 0.3781



47.7647, 0.4566, 0.3859



64.0018, 0.3928, 0.4356



14.5391, 0.3283, 0.3378



13.1244, 0.5759, 0.3809



1.0779, 0.5469, 0.4039

Inverse Universe

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



43.3275, 0.2370, 0.2717



50.8306, 0.2240, 0.2579



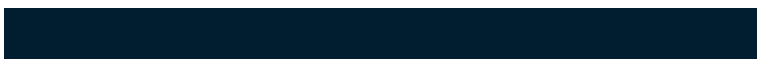
24.7403, 0.2218, 0.1926



14.6627, 0.2981, 0.3200



14.2668, 0.1893, 0.2016



1.1593, 0.1954, 0.2234

Previews

White Background



This preview shows how the Yxy color 41.1606, 0.4252, 0.3781 looks on a white background.

Color Contrast Check

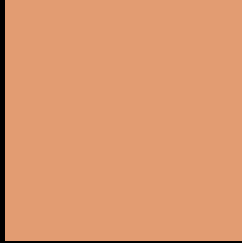
Large Text (above 18pt) WCAG AA × Fail

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 41.1606, 0.4252, 0.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

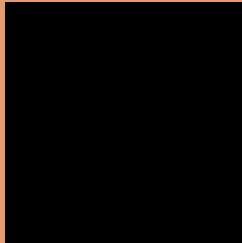
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1606, 0.4252, 0.3781

Background



This preview shows how black text looks on a background with the Yxy color 41.1606, 0.4252, 0.3781.



This preview shows how white text looks on a background with the Yxy color 41.1606, 0.4252, 0.3781.

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

41.1606, 0.4252, 0.3781

Protanopia

41.3246, 0.3704, 0.3981

Deuteranopia

41.3455, 0.4028, 0.3955



Tritanopia

41.2089, 0.3838, 0.3165

Trichromacy



Original Color

41.1606, 0.4252, 0.3781

Protanomaly

40.9979, 0.3908, 0.3909

Deuteranomaly

41.3291, 0.4106, 0.3889

Tritanomaly

41.1281, 0.3999, 0.3386

Monochromacy



Original Color

41.1606, 0.4252, 0.3781

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.7133, 0.3511, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1606, 0.4252, 0.3781 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(226, 156, 114)` looks like.

```
.text, #text, p{  
    color:rgb(226, 156, 114)  
}
```

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(226, 156, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 156, 114) }
```

Border

The CSS property to change the border of an element to Yxy 41.1606, 0.4252, 0.3781 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(226, 156, 114) }
```

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

```
.border{ border-color:rgb(226, 156, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 156, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 156, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 156, 114);  
box-shadow:4px 4px 4px 4px rgb(226, 156,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1606, 0.4252, 0.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 156, 114) }
```

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

```
.background{ background-color: rgb(226,  
156, 114) }
```

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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