

Converting Colors

$Y_{xy}(41.2017, 0.4256, 0.3790)$

Have a look what the booklet for
Yxy(41.2017, 0.4256, 0.3790)
contains.

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Color

Yxy(41.1379, 0.4261, 0.3792)

Conversions

Conversions Part 1

Format	Color
Hex	E29C71
RGB	226, 156, 113
RGB Percent	89%, 61%, 44%
CMY	0.1138, 0.3882, 0.5569
CMYK	0.00, 0.31, 0.50, 0.11
HSL	23°, 66%, 66%
HSV	23°, 50%, 89%
XYZ	46.2259, 41.1379, 21.1222
YIQ	172.0280, 55.5230, 1.4670

Conversions

Conversions Part 2

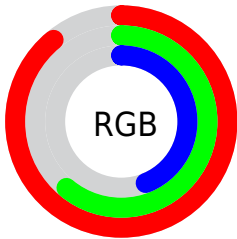
Format	Color
R _Y B	226, 182, 113
Decimal	14851185
CIE Lab	70.27, 21.34, 32.97
CIE LCh	70, 39.273, 57.084
Yxy	41.1379, 0.4261, 0.3792
Android (android.graphics.Color)	4293041265 (0xFFE29C71)
YUV	172.0280, -29.1008, 47.3334
Hunter-Lab	64.1388, 16.4049, 25.3718

Details

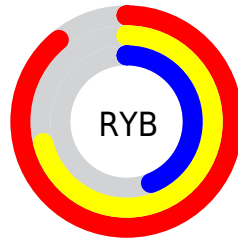
The Yxy color **41.1379, 0.4261, 0.3792** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.8403, 0.2363, 0.2703**, and the grayscale version is **41.3992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5651, 0.3807, 0.3766**, and **18.5956, 0.4598, 0.3882** is the 20% darker color. If you saturate the color by 10%, you get **36.2640, 0.4580, 0.3872**, and if you desaturate by 10%, it is **46.6834, 0.3969, 0.3695**.

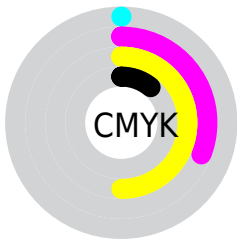
Distribution



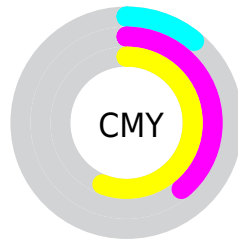
- Red (89%)
- Green (61%)
- Blue (44%)



- Red (89%)
- Yellow (71%)
- Blue (44%)



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





- Cyan (11%)
- Magenta (39%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1379, 0.4261, 0.3792 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 41.1379, 0.4261, 0.3792 by changing the saturation by 10% instead.


 41.1379, 0.4261,
0.3792


 41.1379, 0.4261,
0.3792


350.8966, 0.3683,
0.3566


 28.4269, 0.4405,
0.3837


 76.8932, 0.4050,
0.3717


 18.6477, 0.4587,
0.3888


 100.7062, 0.3971,
0.3687

 11.4160, 0.4824,
0.3941


 128.9887, 0.3904,
0.3660

 6.3474, 0.5138,
0.3985

 162.1250, 0.3847,
0.3637

 3.0574, 0.5717,
0.4097

200.4996, 0.3798,
0.3616

 1.1618, 0.6147,
0.3853

244.4968, 0.3755,

 0.0302, 0.9480,

0.3597

0.0520

294.5010, 0.3717,
0.3581

0.0000, 0.0000,
0.0000

41.1379, 0.4261,
0.3792

41.1379, 0.4261,
0.3792

36.2640, 0.4580,
0.3872

46.6834, 0.3969,
0.3695

32.0278, 0.4913,
0.3923

52.9204, 0.3711,
0.3591

28.4010, 0.5240,
0.3931

59.8754, 0.3486,
0.3486

25.3502, 0.5532,
0.3888

67.5716, 0.3292,
0.3385

22.8308, 0.5772,
0.3799

76.0310, 0.3127,
0.3290

■ 22.8308, 0.5772,
0.3799

■ 85.2747, 0.2986,
0.3202

■ 94.2375, 0.2952,
0.3279

■ 94.9042, 0.2952,
0.3289

Harmonies

Analogous

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



41.1379, 0.4168, 0.3349



41.1379, 0.4261, 0.3792



41.1379, 0.4024, 0.4166

Triad

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



41.1379, 0.4261, 0.3792



41.1379, 0.2496, 0.3669



41.1379, 0.2640, 0.2412

Complementary

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



41.1379, 0.4261, 0.3792



42.8403, 0.2363, 0.2703

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.



41.1379, 0.2263, 0.2420



41.1379, 0.4261, 0.3792



41.1379, 0.2183, 0.3089

Square

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



41.1379, 0.4261, 0.3792



41.1379, 0.2993, 0.4160



41.1379, 0.2105, 0.2645



41.1379, 0.3182, 0.2595

Rectangle

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



41.1379, 0.4261, 0.3792



41.1379, 0.3728, 0.4311



41.1379, 0.2105, 0.2645



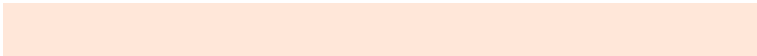
41.1379, 0.2492, 0.2392

Sweetspot

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



41.1399, 0.4261, 0.3792



83.5872, 0.3387, 0.3436



31.4548, 0.3628, 0.2482



17.4366, 0.3429, 0.3458



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.



41.1399, 0.4261, 0.3792



47.4565, 0.4593, 0.3875



63.8984, 0.3934, 0.4364



14.5519, 0.3282, 0.3380



13.2406, 0.5744, 0.3821



1.0868, 0.5456, 0.4050

Inverse Universe

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



42.8403, 0.2363, 0.2703



49.8523, 0.2225, 0.2554



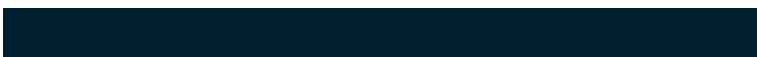
24.4508, 0.2210, 0.1912



14.6495, 0.2981, 0.3199



14.0557, 0.1888, 0.1996



1.1455, 0.1949, 0.2217

Previews

White Background



This preview shows how the Yxy color 41.1379, 0.4261, 0.3792 looks on a white background.

Color Contrast Check

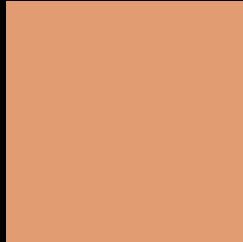
Large Text (above 18pt) WCAG AA × Fail

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 41.1379, 0.4261, 0.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

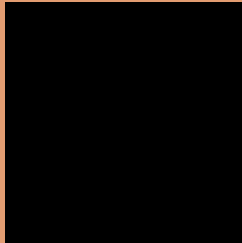
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1379, 0.4261, 0.3792

Background



This preview shows how black text looks on a background with the Yxy color 41.1379, 0.4261, 0.3792.



This preview shows how white text looks on a background with the Yxy color 41.1379, 0.4261, 0.3792.

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

41.1379, 0.4261, 0.3792

Protanopia

41.3002, 0.3713, 0.3994

Deuteranopia

41.3234, 0.4037, 0.3967



Tritanopia

41.2089, 0.3838, 0.3165

Trichromacy



Original Color

41.1379, 0.4261, 0.3792

Protanomaly

40.9743, 0.3918, 0.3921

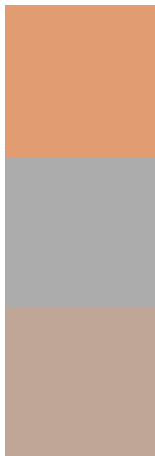
Deuteranomaly

41.3067, 0.4115, 0.3901

Tritanomaly

41.1281, 0.3999, 0.3386

Monochromacy



Original Color

41.1379, 0.4261, 0.3792

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 41.1379, 0.4261, 0.3792 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(226, 156, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 156, 113) }
```

Border

The CSS property to change the border of an element to Yxy 41.1379, 0.4261, 0.3792 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, 113) }
```

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

```
.border{ border-color:rgb(226, 156, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 156, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 156, 113);  
box-shadow:4px 4px 4px 4px rgb(226, 156,  
113) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 41.1379, 0.4261, 0.3792$ 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, 113) }
```

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

```
.background{ background-color: rgb(226,  
156, 113) }
```

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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