

Converting Colors

$Yxy(41.2392, 0.4467, 0.4062)$

Have a look what the booklet for
Yxy(41.2392, 0.4467, 0.4062)
contains.

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Color

Yxy(41.3437, 0.4460, 0.4062)

Conversions

Conversions Part 1

Format	Color
Hex	E29E59
RGB	226, 158, 89
RGB Percent	89%, 62%, 35%
CMY	0.1137, 0.3804, 0.6509
CMYK	0.00, 0.30, 0.61, 0.11
HSL	30°, 70%, 62%
HSV	30°, 61%, 89%
XYZ	45.3946, 41.3437, 15.0433
YIQ	170.4660, 62.6770, -7.0430

Conversions

Conversions Part 2

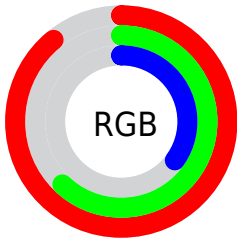
Format	Color
R _Y B	224, 226, 89
Decimal	14851673
CIE Lab	70.42, 18.35, 45.60
CIE LCh	70, 49.154, 68.079
Yxy	41.3437, 0.4460, 0.4062
Android (android.graphics.Color)	4293041753 (0xFFE29E59)
YUV	170.4660, -40.1627, 48.7033
Hunter-Lab	64.2991, 13.4962, 31.1379

Details

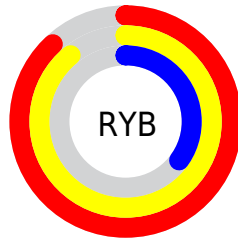
The Yxy color **41.3437, 0.4460, 0.4062** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **31.7354, 0.2165, 0.2297**, and the grayscale version is **40.6265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7716, 0.3973, 0.4026**, and **18.8774, 0.4806, 0.4208** is the 20% darker color. If you saturate the color by 10%, you get **37.3682, 0.4735, 0.4138**, and if you desaturate by 10%, it is **45.7893, 0.4188, 0.3955**.

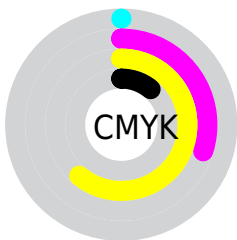
Distribution



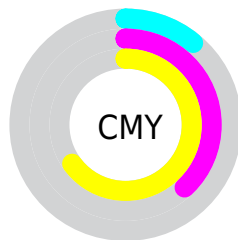
- Red (89%)
- Green (62%)
- Blue (35%)



- Red (88%)
- Yellow (89%)
- Blue (35%)



- Cyan (0%)
- Magenta (30%)
- Yellow (61%)
- Black (11%)



- Cyan (11%)
- Magenta (38%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3437, 0.4460, 0.4062 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 41.3437, 0.4460, 0.4062 by changing the saturation by 10% instead.


 41.3437, 0.4460,
0.4062


 41.3437, 0.4460,
0.4062


351.7551, 0.3796,
0.3718


 28.5877, 0.4616,
0.4128


 77.2054, 0.4224,
0.3951

 18.7692, 0.4807,
0.4197


 101.0799, 0.4133,
0.3904

 11.5036, 0.5041,
0.4263


 129.4293, 0.4056,
0.3864

 6.4066, 0.5351,
0.4326

 162.6382, 0.3989,
0.3828

 3.0939, 0.5698,
0.4302

201.0908, 0.3931,
0.3795

 1.1809, 0.5981,
0.4019

245.1715, 0.3880,

 0.0461, 0.9144,

0.3767

0.0856

295.2648, 0.3836,
0.3741

0.0000, 0.0000,
0.0000

41.3437, 0.4460,
0.4062

41.3437, 0.4460,
0.4062

37.3682, 0.4735,
0.4138

45.7893, 0.4188,
0.3955

33.8361, 0.4998,
0.4169

50.7173, 0.3932,
0.3828

30.7268, 0.5231,
0.4147

56.1471, 0.3697,
0.3693

28.1616, 0.5415,
0.4082

62.0950, 0.3486,
0.3556

68.5762, 0.3300,
0.3423

■ 75.6054, 0.3136,
0.3297

■ 83.1965, 0.2994,
0.3180

■ 90.3711, 0.2951,
0.3217

■ 94.9086, 0.2952,
0.3289

Harmonies

Analogous

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



41.3437, 0.4520, 0.3535



41.3437, 0.4460, 0.4062



41.3437, 0.4028, 0.4482

Triad

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



41.3437, 0.4460, 0.4062



41.3437, 0.2174, 0.3482



41.3437, 0.2745, 0.2284

Complementary

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



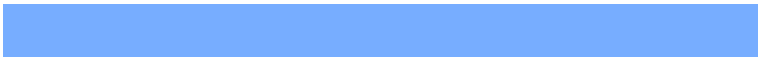
41.3437, 0.4460, 0.4062



31.7354, 0.2165, 0.2297

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.



41.3437, 0.2209, 0.2199



41.3437, 0.4460, 0.4062



41.3437, 0.1910, 0.2792

Square

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



41.3437, 0.4460, 0.4062



41.3437, 0.2703, 0.4208



41.3437, 0.1925, 0.2357



41.3437, 0.3458, 0.2573

Rectangle

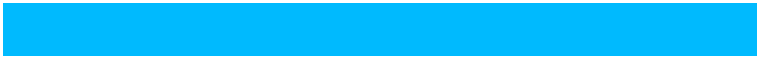
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.3437, 0.4460, 0.4062



41.3437, 0.3610, 0.4604



41.3437, 0.1925, 0.2357



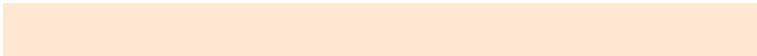
41.3437, 0.2541, 0.2231

Sweetspot

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



41.3458, 0.4460, 0.4062



83.7031, 0.3437, 0.3523



25.7689, 0.4035, 0.2532



17.3993, 0.3495, 0.3562



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.



41.3458, 0.4460, 0.4062



47.7393, 0.4813, 0.4152



71.2824, 0.3980, 0.4700



14.8356, 0.3279, 0.3408



16.3043, 0.5391, 0.4101



1.3093, 0.5158, 0.4287

Inverse Universe

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



31.7354, 0.2165, 0.2297



34.0580, 0.1996, 0.2042



14.7644, 0.1950, 0.1344



14.3616, 0.2981, 0.3169



10.0042, 0.1770, 0.1572



0.8725, 0.1848, 0.1852

Previews

White Background



This preview shows how the Yxy color 41.3437, 0.4460, 0.4062 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 41.3437, 0.4460, 0.4062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

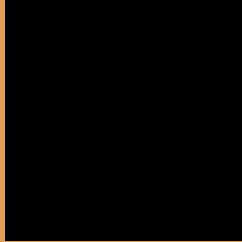
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3437, 0.4460, 0.4062

Background



This preview shows how black text looks on a background with the Yxy color 41.3437, 0.4460, 0.4062.



This preview shows how white text looks on a background with the Yxy color 41.3437, 0.4460, 0.4062.

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

41.3437, 0.4460, 0.4062

Protanopia

41.6424, 0.3960, 0.4317

Deuteranopia

41.2525, 0.4287, 0.4192



Tritanopia

41.3748, 0.3847, 0.3165

Trichromacy



Original Color

41.3437, 0.4460, 0.4062

Protanomaly

41.4745, 0.4138, 0.4231

Deuteranomaly

41.2970, 0.4351, 0.4150

Tritanomaly

41.1897, 0.4088, 0.3502

Monochromacy



Original Color

41.3437, 0.4460, 0.4062

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.1427, 0.3585, 0.3627

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3437, 0.4460, 0.4062 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, 158, 89)` looks like.

```
.text, #text, p{  
    color:rgb(226, 158, 89)  
}
```

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, 158, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 158, 89) }
```

Border

The CSS property to change the border of an element to Yxy 41.3437, 0.4460, 0.4062 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, 158, 89) }
```

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

```
.border{ border-color:rgb(226, 158, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 158, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 158, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 158, 89);  
box-shadow:4px 4px 4px 4px rgb(226, 158,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3437, 0.4460, 0.4062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 158, 89) }
```

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

```
.background{ background-color: rgb(226,  
158, 89) }
```

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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