

Converting Colors

$Y_{xy}(40.1682, 0.4345, 0.3731)$

Have a look what the booklet for
Yxy(40.1682, 0.4345, 0.3731)
contains.

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Color

Yxy(40.1261, 0.4343, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	E69770
RGB	230, 151, 112
RGB Percent	90%, 59%, 44%
CMY	0.0979, 0.4079, 0.5608
CMYK	0.00, 0.34, 0.51, 0.10
HSL	20°, 70%, 67%
HSV	20°, 51%, 90%
XYZ	46.6330, 40.1261, 20.6160
YIQ	170.1750, 59.6030, 4.6190

Conversions

Conversions Part 2

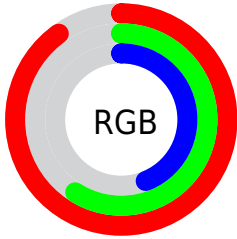
Format	Color
R _Y B	230, 170, 112
Decimal	15112048
CIE Lab	69.56, 25.57, 32.67
CIE LCh	70, 41.485, 51.956
Yxy	40.1261, 0.4343, 0.3737
Android (android.graphics.Color)	4293302128 (0xFFE69770)
YUV	170.1750, -28.6803, 52.4665
Hunter-Lab	63.3452, 20.5529, 25.0454

Details

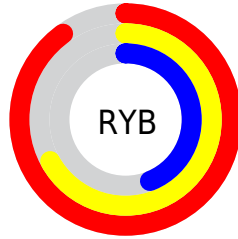
The Yxy color **40.1261, 0.4343, 0.3737** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **46.4427, 0.2360, 0.2767**, and the grayscale version is **40.4149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0829, 0.3833, 0.3727**, and **17.9405, 0.4704, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **35.0411, 0.4686, 0.3802**, and if you desaturate by 10%, it is **45.9940, 0.4031, 0.3655**.

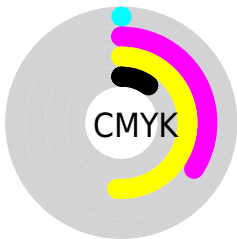
Distribution



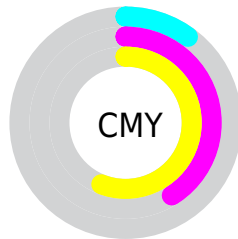
- Red (90%)
- Green (59%)
- Blue (44%)



- Red (90%)
- Yellow (67%)
- Blue (44%)



- Cyan (0%)
- Magenta (34%)
- Yellow (51%)
- Black (10%)





- Cyan (10%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1261, 0.4343, 0.3737 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 40.1261, 0.4343, 0.3737 by changing the saturation by 10% instead.


 40.1261, 0.4343,
0.3737


 40.1261, 0.4343,
0.3737


346.6548, 0.3720,
0.3542

 27.6369, 0.4499,
0.3773


 75.3555, 0.4115,
0.3675


 18.0521, 0.4697,
0.3811


 98.8645, 0.4030,
0.3649

 10.9874, 0.4956,
0.3846


 126.8155, 0.3958,
0.3626

 6.0584, 0.5300,
0.3862

 159.5929, 0.3896,
0.3605

 2.8806, 0.5955,
0.3944

197.5811, 0.3843,
0.3587

 1.0697, 0.6400,
0.3600

241.1646, 0.3797,

 0.0000, 1.0000,

0.3570

0.0000

290.7277, 0.3756,
0.3556

0.0000, 0.0000,
0.0000

40.1261, 0.4343,
0.3737

40.1261, 0.4343,
0.3737

35.0411, 0.4686,
0.3802

45.9940, 0.4031,
0.3655

30.6978, 0.5045,
0.3837

52.6713, 0.3756,
0.3564

27.0600, 0.5393,
0.3829

60.1909, 0.3520,
0.3473

24.0853, 0.5697,
0.3772

68.5816, 0.3318,
0.3384

21.9954, 0.5910,
0.3690

77.8710, 0.3147,
0.3301

■ 88.0856, 0.3003,
0.3223

■ 95.5690, 0.2976,
0.3290

Harmonies

Analogous

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



40.1261, 0.4183, 0.3268



40.1261, 0.4343, 0.3737



40.1261, 0.4141, 0.4158

Triad

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



40.1261, 0.4343, 0.3737



40.1261, 0.2534, 0.3799



40.1261, 0.2526, 0.2349

Complementary

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



40.1261, 0.4343, 0.3737



46.4427, 0.2360, 0.2767

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.



40.1261, 0.2167, 0.2391



40.1261, 0.4343, 0.3737



40.1261, 0.2166, 0.3172

Square

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



40.1261, 0.4343, 0.3737



40.1261, 0.3082, 0.4283



40.1261, 0.2043, 0.2666



40.1261, 0.3077, 0.2510

Rectangle

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



40.1261, 0.4343, 0.3737



40.1261, 0.3850, 0.4347



40.1261, 0.2043, 0.2666



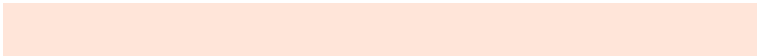
40.1261, 0.2382, 0.2339

Sweetspot

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



40.1281, 0.4343, 0.3737



82.5082, 0.3390, 0.3417



32.2523, 0.3578, 0.2403



17.1784, 0.3433, 0.3436



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.



40.1281, 0.4343, 0.3737



43.6544, 0.4723, 0.3807



63.3041, 0.3988, 0.4336



15.1417, 0.3284, 0.3368



12.6480, 0.5881, 0.3712



1.0999, 0.5597, 0.3938

Inverse Universe

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



46.4427, 0.2360, 0.2767



52.3634, 0.2225, 0.2631



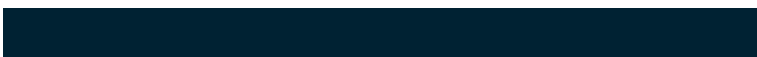
26.1107, 0.2199, 0.1950



15.4920, 0.2981, 0.3211



16.5572, 0.1938, 0.2176



1.3919, 0.1988, 0.2357

Previews

White Background



This preview shows how the Yxy color 40.1261, 0.4343, 0.3737 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 40.1261, 0.4343, 0.3737 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 40.1261, 0.4343, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 40.1261, 0.4343, 0.3737.



This preview shows how white text looks on a background with the Yxy color 40.1261, 0.4343, 0.3737.

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

40.1261, 0.4343, 0.3737

Protanopia

40.2959, 0.3701, 0.3974

Deuteranopia

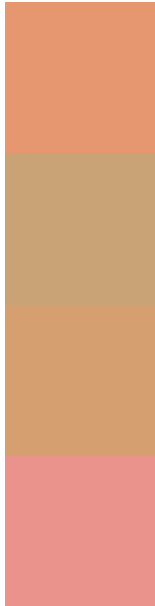
40.2993, 0.4038, 0.3961



Tritanopia

40.1435, 0.3949, 0.3167

Trichromacy



Original Color

40.1261, 0.4343, 0.3737

Protanomaly

39.8962, 0.3934, 0.3885

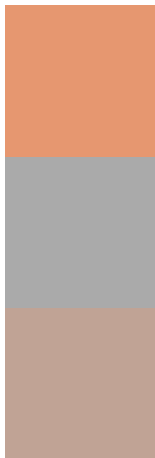
Deuteranomaly

40.2401, 0.4143, 0.3877

Tritanomaly

40.0845, 0.4104, 0.3373

Monochromacy



Original Color

40.1261, 0.4343, 0.3737

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.5708, 0.3538, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1261, 0.4343, 0.3737 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(230, 151, 112)` looks like.

```
.text, #text, p{  
    color:rgb(230, 151, 112)  
}
```

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(230, 151, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 151, 112) }
```

Border

The CSS property to change the border of an element to Yxy 40.1261, 0.4343, 0.3737 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(230, 151, 112) }
```

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

```
.border{ border-color:rgb(230, 151, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 151, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 151, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 151, 112);  
box-shadow:4px 4px 4px 4px rgb(230, 151,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1261, 0.4343, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 151, 112) }
```

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

```
.background{ background-color: rgb(230,  
151, 112) }
```

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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