

Converting Colors

$Y_{xy}(37.4534, 0.4350, 0.3580)$

Have a look what the booklet for
Yxy(37.4534, 0.4350, 0.3580)
contains.

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Color

Yxy(37.4534, 0.4350, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	E68E75
RGB	230, 142, 117
RGB Percent	90%, 56%, 46%
CMY	0.0982, 0.4430, 0.5412
CMYK	0.00, 0.38, 0.49, 0.10
HSL	13°, 69%, 68%
HSV	13°, 49%, 90%
XYZ	45.5090, 37.4534, 21.6560
YIQ	165.4620, 60.4730, 10.8810

Conversions

Conversions Part 2

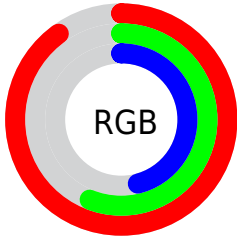
Format	Color
R _Y B	230, 149, 117
Decimal	15109749
CIE Lab	67.62, 30.75, 27.42
CIE LCh	68, 41.199, 41.726
Yxy	37.4534, 0.4350, 0.3580
Android (android.graphics.Color)	4293299829 (0xFFE68E75)
YUV	165.4620, -23.8918, 56.5998
Hunter-Lab	61.1992, 25.6378, 21.8590

Details

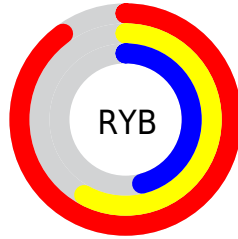
The Yxy color **37.4534, 0.4350, 0.3580** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.1223, 0.2421, 0.2962**, and the grayscale version is **37.9569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6044, 0.3829, 0.3574**, and **16.5575, 0.4726, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **32.0723, 0.4730, 0.3624**, and if you desaturate by 10%, it is **43.8266, 0.4013, 0.3524**.

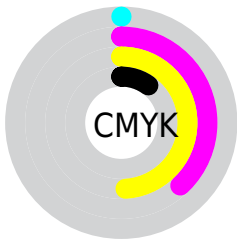
Distribution



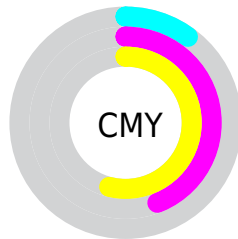
- Red (90%)
- Green (56%)
- Blue (46%)



- Red (90%)
- Yellow (58%)
- Blue (46%)



- Cyan (0%)
- Magenta (38%)
- Yellow (49%)
- Black (10%)



- Cyan (10%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4534, 0.4350, 0.3580 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 37.4534, 0.4350, 0.3580 by changing the saturation by 10% instead.


 37.4534, 0.4350,
0.3580


 37.4534, 0.4350,
0.3580


335.2693, 0.3713,
0.3462

 25.5587, 0.4514,
0.3598


 71.2696, 0.4114,
0.3545

 16.4938, 0.4725,
0.3614


 93.9599, 0.4027,
0.3529

 9.8743, 0.5007,
0.3621


 121.0175, 0.3953,
0.3515

 5.3157, 0.5393,
0.3602

152.8268, 0.3891,
0.3502

 2.4336, 0.6095,
0.3600

189.7723, 0.3837,
0.3490

 0.8431, 0.6774,
0.3226

232.2383, 0.3790,

 0.0000, 1.0000,

0.3480

0.0000

280.6092, 0.3749,
0.3470

■ 0.0000, 0.0000,
0.0000

■ 37.4534, 0.4350,
0.3580

■ 37.4534, 0.4350,
0.3580

■ 32.0723, 0.4730,
0.3624

■ 43.8266, 0.4013,
0.3524

■ 27.6269, 0.5137,
0.3644

■ 51.2331, 0.3725,
0.3462

■ 24.0638, 0.5536,
0.3633

■ 59.7187, 0.3483,
0.3400

■ 21.3214, 0.5882,
0.3582

■ 69.3248, 0.3281,
0.3341

■ 19.3250, 0.6137,
0.3500

■ 80.0902, 0.3114,
0.3285

 19.1822, 0.6157,
0.3493

 92.0524, 0.2975,
0.3234

 95.5578, 0.2975,
0.3290

Harmonies

Analogous

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



37.4534, 0.4062, 0.3109



37.4534, 0.4350, 0.3580



37.4534, 0.4264, 0.4036

Triad

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



37.4534, 0.4350, 0.3580



37.4534, 0.2699, 0.4008



37.4534, 0.2368, 0.2325

Complementary

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



37.4534, 0.4350, 0.3580



53.1223, 0.2421, 0.2962

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.



37.4534, 0.2083, 0.2445



37.4534, 0.4350, 0.3580



37.4534, 0.2252, 0.3384

Square

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



37.4534, 0.4350, 0.3580



37.4534, 0.3288, 0.4386



37.4534, 0.2041, 0.2806



37.4534, 0.2868, 0.2422

Rectangle

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



37.4534, 0.4350, 0.3580



37.4534, 0.4024, 0.4278



37.4534, 0.2041, 0.2806



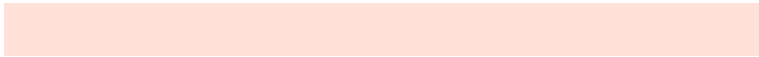
37.4534, 0.2247, 0.2340

Sweetspot

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



37.4553, 0.4350, 0.3580



80.2297, 0.3396, 0.3376



33.9689, 0.3428, 0.2326



16.6346, 0.3441, 0.3389



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.



37.4553, 0.4350, 0.3580



40.4163, 0.4738, 0.3624



58.4706, 0.4011, 0.4187



14.8833, 0.3287, 0.3343



11.0121, 0.6132, 0.3513



0.9501, 0.5852, 0.3736

Inverse Universe

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



53.1223, 0.2421, 0.2962



62.2578, 0.2307, 0.2881



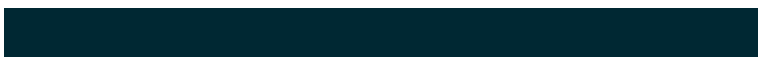
30.9870, 0.2271, 0.2175



15.7660, 0.2981, 0.3237



21.6833, 0.2045, 0.2562



1.7363, 0.2078, 0.2680

Previews

White Background



This preview shows how the Yxy color 37.4534, 0.4350, 0.3580 looks on a white background.

Color Contrast Check

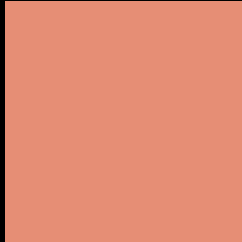
Large Text (above 18pt) WCAG AA × Fail

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 37.4534, 0.4350, 0.3580 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 37.4534, 0.4350, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 37.4534, 0.4350, 0.3580.



This preview shows how white text looks on a background with the Yxy color 37.4534, 0.4350, 0.3580.

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

37.4534, 0.4350, 0.3580

Protanopia

37.6727, 0.3578, 0.3830

Deuteranopia

37.5389, 0.3948, 0.3871



Tritanopia

37.4709, 0.4046, 0.3178

Trichromacy



Original Color

37.4534, 0.4350, 0.3580

Protanomaly

37.2798, 0.3856, 0.3743

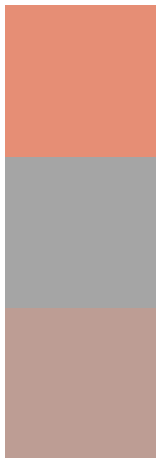
Deuteranomaly

37.2496, 0.4097, 0.3757

Tritanomaly

37.2603, 0.4157, 0.3316

Monochromacy



Original Color

37.4534, 0.4350, 0.3580

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.0709, 0.3535, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4534, 0.4350, 0.3580 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, 142, 117)` looks like.

```
.text, #text, p{  
    color:rgb(230, 142, 117)  
}
```

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, 142, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 142, 117) }
```

Border

The CSS property to change the border of an element to Yxy 37.4534, 0.4350, 0.3580 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, 142, 117) }
```

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

```
.border{ border-color:rgb(230, 142, 117) }
```

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

Here you see how a box with a 4 pixel rgb(230, 142, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 142, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 142, 117);  
box-shadow:4px 4px 4px 4px rgb(230, 142,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4534, 0.4350, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 142, 117) }
```

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

```
.background{ background-color: rgb(230,  
142, 117) }
```

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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