

Converting Colors

$Y_{xy}(34.1916, 0.4537, 0.3721)$

Have a look what the booklet for
Yxy(34.1916, 0.4537, 0.3721)
contains.

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Color

Yxy(34.0571, 0.4542, 0.3718)

Conversions

Conversions Part 1

Format	Color
Hex	E08762
RGB	224, 135, 98
RGB Percent	88%, 53%, 38%
CMY	0.1216, 0.4705, 0.6156
CMYK	0.00, 0.40, 0.56, 0.12
HSL	18°, 67%, 63%
HSV	18°, 56%, 88%
XYZ	41.6050, 34.0571, 15.9385
YIQ	157.3930, 64.9210, 7.3610

Conversions

Conversions Part 2

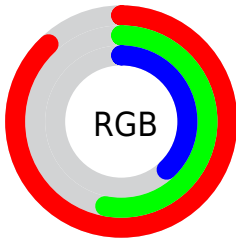
Format	Color
R_{YB}	224, 150, 98
Decimal	14714722
CIE _{Lab}	65.01, 30.47, 34.26
CIE _{LCh}	65, 45.852, 48.356
Yxy	34.0571, 0.4542, 0.3718
Android (android.graphics.Color)	4292904802 (0xFFE08762)
YUV	157.3930, -29.2807, 58.4143
Hunter-Lab	58.3585, 25.1291, 24.6580

Details

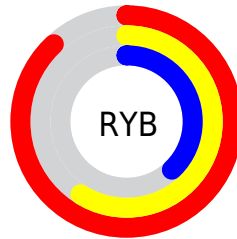
The Yxy color **34.0571, 0.4542, 0.3718** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **43.5078, 0.2313, 0.2775**, and the grayscale version is **34.0177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8251, 0.4022, 0.3710**, and **14.5703, 0.4984, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **29.6016, 0.4911, 0.3762**, and if you desaturate by 10%, it is **39.2903, 0.4200, 0.3652**.

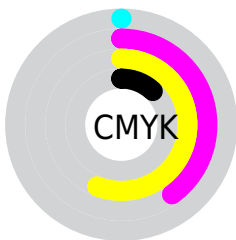
Distribution



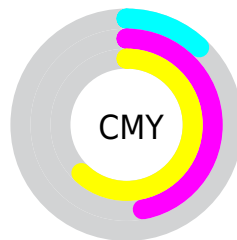
- Red (88%)
- Green (53%)
- Blue (38%)



- Red (88%)
- Yellow (59%)
- Blue (38%)



- Cyan (0%)
- Magenta (40%)
- Yellow (56%)
- Black (12%)





- Cyan (12%)
- Magenta (47%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0571, 0.4542, 0.3718 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 34.0571, 0.4542, 0.3718 by changing the saturation by 10% instead.


 34.0571, 0.4542,
0.3718


 34.0571, 0.4542,
0.3718


 320.3866, 0.3799,
0.3540

 22.9375, 0.4732,
0.3745


 66.0225, 0.4267,
0.3665


 14.5473, 0.4975,
0.3767


 87.6370, 0.4165,
0.3641


 8.5023, 0.5293,
0.3773


 113.5186, 0.4079,
0.3620

 4.4180, 0.5733,
0.3743

 144.0516, 0.4006,
0.3600

 1.9100, 0.6377,
0.3623

 179.6206, 0.3944,
0.3583

 0.5544, 0.7085,
0.2915

 220.6098, 0.3889,

 0.0000, 1.0000,

0.3567

0.0000

267.4037, 0.3842,
0.3553

■ 0.0000, 0.0000,
0.0000

■ 34.0571, 0.4542,
0.3718

■ 34.0571, 0.4542,
0.3718

■ 29.6016, 0.4911,
0.3762

■ 39.2903, 0.4200,
0.3652

■ 25.8795, 0.5285,
0.3771

■ 45.3320, 0.3898,
0.3575

■ 22.8499, 0.5630,
0.3736

■ 52.2175, 0.3637,
0.3493

■ 20.4643, 0.5908,
0.3655

■ 59.9786, 0.3415,
0.3412

■ 19.7171, 0.5998,
0.3620

■ 68.6450, 0.3228,
0.3335

■ 78.2455, 0.3071,
0.3264

■ 88.8071, 0.2939,
0.3198

■ 94.5841, 0.2940,
0.3289

Harmonies

Analogous

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



34.0571, 0.4310, 0.3188



34.0571, 0.4542, 0.3718



34.0571, 0.4341, 0.4223

Triad

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



34.0571, 0.4542, 0.3718



34.0571, 0.2500, 0.3976



34.0571, 0.2369, 0.2208

Complementary

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



34.0571, 0.4542, 0.3718



43.5078, 0.2313, 0.2775

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.



34.0571, 0.1998, 0.2278



34.0571, 0.4542, 0.3718



34.0571, 0.2056, 0.3226

Square

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



34.0571, 0.4542, 0.3718



34.0571, 0.3144, 0.4509



34.0571, 0.1889, 0.2614



34.0571, 0.2978, 0.2366

Rectangle

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



34.0571, 0.4542, 0.3718



34.0571, 0.4019, 0.4480



34.0571, 0.1889, 0.2614



34.0571, 0.2217, 0.2204

Sweetspot

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



34.0588, 0.4542, 0.3718



79.5143, 0.3433, 0.3419



28.2249, 0.3586, 0.2289



16.5522, 0.3476, 0.3435



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.



34.0588, 0.4542, 0.3718



39.0469, 0.4958, 0.3765



56.5167, 0.4095, 0.4380



14.3534, 0.3285, 0.3360



11.6526, 0.5971, 0.3641



0.9598, 0.5666, 0.3883

Inverse Universe

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



43.5078, 0.2313, 0.2775



52.6833, 0.2190, 0.2652



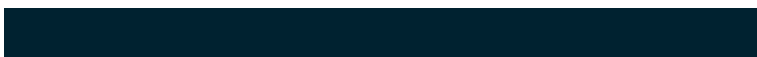
22.7224, 0.2118, 0.1861



14.8566, 0.2982, 0.3220



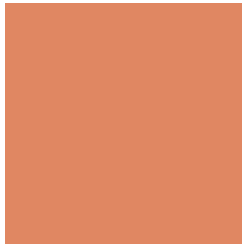
17.6135, 0.1974, 0.2307



1.3736, 0.2021, 0.2477

Previews

White Background



This preview shows how the Yxy color 34.0571, 0.4542, 0.3718 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 34.0571, 0.4542, 0.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

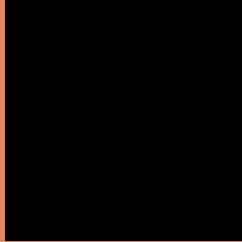
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0571, 0.4542, 0.3718

Background



This preview shows how black text looks on a background with the Yxy color 34.0571, 0.4542, 0.3718.



This preview shows how white text looks on a background with the Yxy color 34.0571, 0.4542, 0.3718.

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

34.0571, 0.4542, 0.3718

Protanopia

34.1732, 0.3740, 0.4035

Deuteranopia

34.1659, 0.4121, 0.4038



Tritanopia

34.1602, 0.4136, 0.3188

Trichromacy



Original Color

34.0571, 0.4542, 0.3718

Protanomaly

33.7593, 0.4019, 0.3917

Deuteranomaly

33.9327, 0.4282, 0.3912

Tritanomaly

34.1265, 0.4293, 0.3387

Monochromacy



Original Color

34.0571, 0.4542, 0.3718

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.0962, 0.3597, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0571, 0.4542, 0.3718 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(224, 135, 98)` looks like.

```
.text, #text, p{  
    color:rgb(224, 135, 98)  
}
```

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(224, 135, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 135, 98) }
```

Border

The CSS property to change the border of an element to Yxy 34.0571, 0.4542, 0.3718 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(224, 135, 98) }
```

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

```
.border{ border-color:rgb(224, 135, 98) }
```

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

Here you see how a box with a 4 pixel rgb(224, 135, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 135, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 135, 98);  
box-shadow:4px 4px 4px 4px rgb(224, 135,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0571, 0.4542, 0.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 135, 98) }
```

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

```
.background{ background-color: rgb(224,  
135, 98) }
```

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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