

Converting Colors

Yxy(35.6427, 0.4481, 0.3532)

Have a look what the booklet for
Yxy(35.6427, 0.4481, 0.3532)
contains.

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Color

Yxy(35.5661, 0.4476, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	E98671
RGB	233, 134, 113
RGB Percent	91%, 53%, 44%
CMY	0.0863, 0.4745, 0.5569
CMYK	0.00, 0.42, 0.52, 0.09
HSL	11°, 73%, 68%
HSV	11°, 52%, 91%
XYZ	45.1102, 35.5661, 20.1061
YIQ	161.2070, 65.7450, 14.4570

Conversions

Conversions Part 2

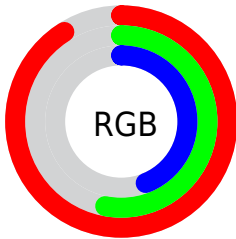
Format	Color
R _Y B	233, 138, 113
Decimal	15304305
CIE Lab	66.19, 35.76, 27.81
CIE LCh	66, 45.303, 37.873
Yxy	35.5661, 0.4476, 0.3529
Android (android.graphics.Color)	4293494385 (0xFFE98671)
YUV	161.2070, -23.7661, 62.9625
Hunter-Lab	59.6373, 30.6537, 21.7571

Details

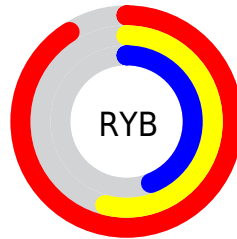
The Yxy color **35.5661, 0.4476, 0.3529** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.4724, 0.2408, 0.3018**, and the grayscale version is **35.8324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9431, 0.3891, 0.3533**, and **15.3005, 0.4892, 0.3530** is the 20% darker color. If you saturate the color by 10%, you get **30.2698, 0.4883, 0.3558**, and if you desaturate by 10%, it is **41.9663, 0.4113, 0.3487**.

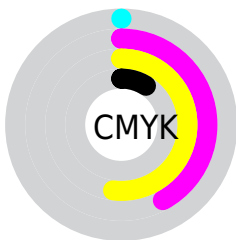
Distribution



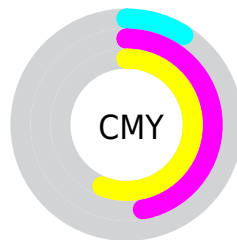
- Red (91%)
- Green (53%)
- Blue (44%)



- Red (91%)
- Yellow (54%)
- Blue (44%)



- Cyan (0%)
- Magenta (42%)
- Yellow (52%)
- Black (9%)





- Cyan (9%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5661, 0.4476, 0.3529 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 35.5661, 0.4476, 0.3529 by changing the saturation by 10% instead.


 35.5661, 0.4476,
0.3529


 35.5661, 0.4476,
0.3529


327.0601, 0.3768,
0.3442


 24.0993, 0.4659,
0.3537


 68.3618, 0.4213,
0.3507


 15.4073, 0.4897,
0.3538


 90.4595, 0.4115,
0.3496

 9.1057, 0.5212,
0.3523


 116.8696, 0.4034,
0.3485

 4.8102, 0.5645,
0.3466

 147.9765, 0.3965,
0.3475

 2.1363, 0.6534,
0.3455

184.1646, 0.3905,
0.3466

 0.6849, 0.7158,
0.2842

225.8183, 0.3853,

 0.0000, 1.0000,

0.3457

0.0000

273.3220, 0.3808,
0.3449

0.0000, 0.0000,
0.0000

35.5661, 0.4476,
0.3529

35.5661, 0.4476,
0.3529

30.2698, 0.4883,
0.3558

41.9663, 0.4113,
0.3487

26.0089, 0.5311,
0.3566

49.5226, 0.3802,
0.3439

22.7160, 0.5717,
0.3543

58.2907, 0.3542,
0.3389

20.3127, 0.6045,
0.3488

68.3207, 0.3327,
0.3341

18.8966, 0.6239,
0.3428

79.6603, 0.3151,
0.3296

■ 92.3544, 0.3006,
0.3255

■ 96.0641, 0.2993,
0.3290

Harmonies

Analogous

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



35.5661, 0.4105, 0.3020



35.5661, 0.4476, 0.3529



35.5661, 0.4424, 0.4042

Triad

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



35.5661, 0.4476, 0.3529



35.5661, 0.2722, 0.4181



35.5661, 0.2232, 0.2229

Complementary

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



35.5661, 0.4476, 0.3529



56.4724, 0.2408, 0.3018

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.



35.5661, 0.1956, 0.2386



35.5661, 0.4476, 0.3529



35.5661, 0.2205, 0.3483

Square

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



35.5661, 0.4476, 0.3529



35.5661, 0.3383, 0.4548



35.5661, 0.1943, 0.2813



35.5661, 0.2753, 0.2309

Rectangle

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



35.5661, 0.4476, 0.3529



35.5661, 0.4179, 0.4334



35.5661, 0.1943, 0.2813



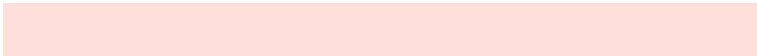
35.5661, 0.2111, 0.2253

Sweetspot

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



35.5679, 0.4476, 0.3529



79.2722, 0.3399, 0.3358



33.9357, 0.3384, 0.2229



16.4068, 0.3444, 0.3368



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.



35.5679, 0.4476, 0.3529



36.6844, 0.4917, 0.3560



56.6550, 0.4094, 0.4168



15.4804, 0.3289, 0.3332



10.8471, 0.6218, 0.3445



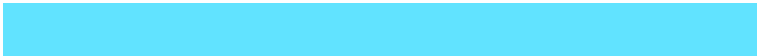
0.9755, 0.5970, 0.3642

Inverse Universe

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



56.4724, 0.2408, 0.3018



64.8647, 0.2298, 0.2950



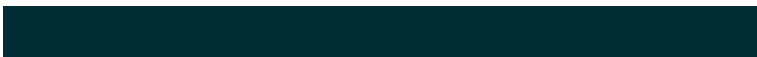
32.1733, 0.2244, 0.2194



16.6469, 0.2981, 0.3248



24.9417, 0.2089, 0.2722



2.0763, 0.2114, 0.2809

Previews

White Background



This preview shows how the Yxy color 35.5661, 0.4476, 0.3529 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 35.5661, 0.4476, 0.3529 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 35.5661, 0.4476, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 35.5661, 0.4476, 0.3529.



This preview shows how white text looks on a background with the Yxy color 35.5661, 0.4476, 0.3529.

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

35.5661, 0.4476, 0.3529

Protanopia

35.7411, 0.3569, 0.3813

Deuteranopia

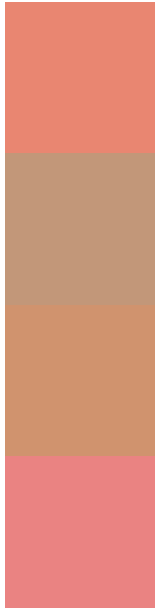
35.5528, 0.3978, 0.3895



Tritanopia

35.5209, 0.4206, 0.3180

Trichromacy



Original Color

35.5661, 0.4476, 0.3529

Protanomaly

34.9830, 0.3884, 0.3696

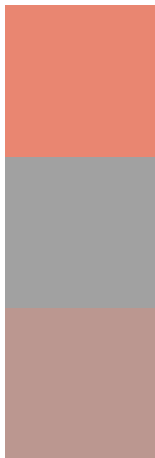
Deuteranomaly

35.4031, 0.4169, 0.3759

Tritanomaly

35.3367, 0.4309, 0.3305

Monochromacy



Original Color

35.5661, 0.4476, 0.3529

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.7116, 0.3571, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5661, 0.4476, 0.3529 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(233, 134, 113)` looks like.

```
.text, #text, p{  
    color:rgb(233, 134, 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(233, 134, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 134, 113) }
```

Border

The CSS property to change the border of an element to Yxy 35.5661, 0.4476, 0.3529 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(233, 134, 113) }
```

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

```
.border{ border-color:rgb(233, 134, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 134, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 134, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 134, 113);  
box-shadow:4px 4px 4px 4px rgb(233, 134,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5661, 0.4476, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 134, 113) }
```

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

```
.background{ background-color: rgb(233,  
134, 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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