

Converting Colors

$Yxy(35.6656, 0.4450, 0.3555)$

Have a look what the booklet for
Yxy(35.6656, 0.4450, 0.3555)
contains.

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Color

Yxy(35.7895, 0.4443, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	E78871
RGB	231, 136, 113
RGB Percent	91%, 53%, 44%
CMY	0.0941, 0.4667, 0.5569
CMYK	0.00, 0.41, 0.51, 0.09
HSL	12°, 71%, 67%
HSV	12°, 51%, 91%
XYZ	44.7419, 35.7895, 20.1706
YIQ	161.7830, 64.0030, 12.9870

Conversions

Conversions Part 2

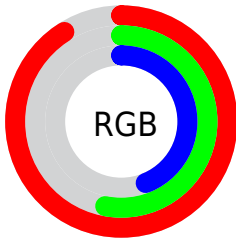
Format	Color
R_{YB}	231, 142, 113
Decimal	15173745
CIE Lab	66.36, 33.96, 27.99
CIE LCh	66, 44.003, 39.494
Yxy	35.7895, 0.4443, 0.3554
Android (android.graphics.Color)	4293363825 (0xFFE78871)
YUV	161.7830, -24.0500, 60.7033
Hunter-Lab	59.8243, 28.8055, 21.8866

Details

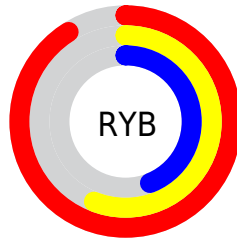
The Yxy color **35.7895, 0.4443, 0.3554** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.3935, 0.2406, 0.2989**, and the grayscale version is **36.1174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8035, 0.3884, 0.3554**, and **15.6493, 0.4847, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **30.5438, 0.4841, 0.3588**, and if you desaturate by 10%, it is **42.0801, 0.4088, 0.3506**.

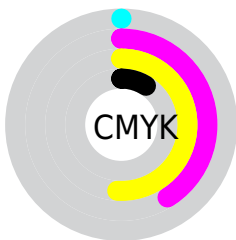
Distribution



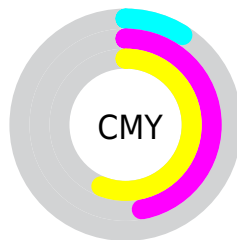
- Red (91%)
- Green (53%)
- Blue (44%)



- Red (91%)
- Yellow (56%)
- Blue (44%)



- Cyan (0%)
- Magenta (41%)
- Yellow (51%)
- Black (9%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7895, 0.4443, 0.3554 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 35.7895, 0.4443, 0.3554 by changing the saturation by 10% instead.


 35.7895, 0.4443,
0.3554


 35.7895, 0.4443,
0.3554


328.0396, 0.3753,
0.3453


 24.2717, 0.4622,
0.3566


 68.7070, 0.4187,
0.3526

 15.5353, 0.4853,
0.3573


 90.8755, 0.4092,
0.3513

 9.1959, 0.5160,
0.3565


 117.3630, 0.4012,
0.3501

 4.8692, 0.5581,
0.3520

 148.5540, 0.3945,
0.3489

 2.1707, 0.6447,
0.3528

184.8327, 0.3887,
0.3479

 0.7040, 0.7051,
0.2949

226.5836, 0.3836,

 0.0000, 1.0000,

0.3470

0.0000

274.1911, 0.3792,
0.3461

0.0000, 0.0000,
0.0000

35.7895, 0.4443,
0.3554

35.7895, 0.4443,
0.3554

30.5438, 0.4841,
0.3588

42.0801, 0.4088,
0.3506

26.2803, 0.5260,
0.3599

49.4630, 0.3784,
0.3453

22.9380, 0.5662,
0.3579

57.9889, 0.3530,
0.3398

20.4463, 0.5994,
0.3523

67.7041, 0.3318,
0.3345

18.8700, 0.6206,
0.3455

78.6520, 0.3144,
0.3295

■ 90.8740, 0.3000,
0.3249

■ 95.7306, 0.2982,
0.3290

Harmonies

Analogous

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



35.7895, 0.4104, 0.3055



35.7895, 0.4443, 0.3554



35.7895, 0.4373, 0.4050

Triad

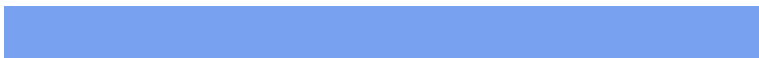
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.7895, 0.4443, 0.3554



35.7895, 0.2704, 0.4119



35.7895, 0.2278, 0.2256

Complementary

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



35.7895, 0.4443, 0.3554



54.3935, 0.2406, 0.2989

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.



35.7895, 0.1995, 0.2398



35.7895, 0.4443, 0.3554



35.7895, 0.2211, 0.3440

Square

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



35.7895, 0.4443, 0.3554



35.7895, 0.3343, 0.4499



35.7895, 0.1969, 0.2800



35.7895, 0.2798, 0.2345

Rectangle

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



35.7895, 0.4443, 0.3554



35.7895, 0.4125, 0.4326



35.7895, 0.1969, 0.2800



35.7895, 0.2156, 0.2276

Sweetspot

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



35.7913, 0.4443, 0.3554



79.6793, 0.3398, 0.3366



33.4215, 0.3402, 0.2255



16.5036, 0.3443, 0.3377



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.



35.7913, 0.4443, 0.3554



38.0748, 0.4851, 0.3589



56.6054, 0.4073, 0.4181



14.8205, 0.3288, 0.3337



10.7145, 0.6182, 0.3473



0.9196, 0.5910, 0.3689

Inverse Universe

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



54.3935, 0.2406, 0.2989



63.5733, 0.2298, 0.2918



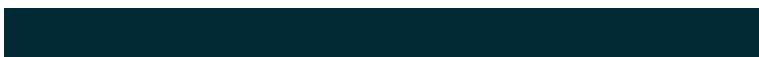
31.2100, 0.2246, 0.2177



15.8338, 0.2981, 0.3243



23.0907, 0.2071, 0.2654



1.8289, 0.2099, 0.2757

Previews

White Background



This preview shows how the Yxy color 35.7895, 0.4443, 0.3554 looks on a white background.

Color Contrast Check

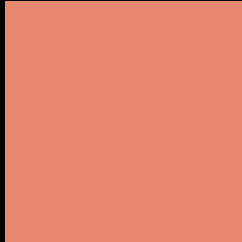
Large Text (above 18pt) WCAG AA × Fail

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 35.7895, 0.4443, 0.3554 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 35.7895, 0.4443, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 35.7895, 0.4443, 0.3554.



This preview shows how white text looks on a background with the Yxy color 35.7895, 0.4443, 0.3554.

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

35.7895, 0.4443, 0.3554

Protanopia

36.1801, 0.3586, 0.3839

Deuteranopia

36.0162, 0.3982, 0.3905



Tritanopia

35.7792, 0.4153, 0.3179

Trichromacy



Original Color

35.7895, 0.4443, 0.3554

Protanomaly

35.6079, 0.3884, 0.3735

Deuteranomaly

35.5710, 0.4152, 0.3774

Tritanomaly

35.5696, 0.4267, 0.3316

Monochromacy



Original Color

35.7895, 0.4443, 0.3554

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.3609, 0.3565, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7895, 0.4443, 0.3554 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(231, 136, 113)` looks like.

```
.text, #text, p{  
    color:rgb(231, 136, 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(231, 136, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 136, 113) }
```

Border

The CSS property to change the border of an element to Yxy 35.7895, 0.4443, 0.3554 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(231, 136, 113) }
```

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

```
.border{ border-color:rgb(231, 136, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 136, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 136, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 136, 113);  
box-shadow:4px 4px 4px 4px rgb(231, 136,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7895, 0.4443, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 136, 113) }
```

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

```
.background{ background-color: rgb(231,  
136, 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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