

Converting Colors

$Y_{xy}(34.7074, 0.4549, 0.3512)$

Have a look what the booklet for
Yxy(34.7074, 0.4549, 0.3512)
contains.

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Color

Yxy(34.7532, 0.4556, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	EB826E
RGB	235, 130, 110
RGB Percent	92%, 51%, 43%
CMY	0.0784, 0.4902, 0.5686
CMYK	0.00, 0.45, 0.53, 0.08
HSL	10°, 76%, 68%
HSV	10°, 53%, 92%
XYZ	45.0585, 34.7532, 19.0876
YIQ	159.1150, 69.0000, 16.0400

Conversions

Conversions Part 2

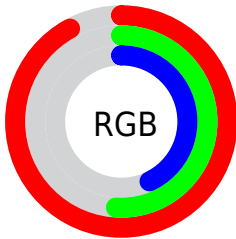
Format	Color
R _Y B	235, 134, 110
Decimal	15434350
CIE Lab	65.56, 38.33, 28.68
CIE LCh	66, 47.874, 36.804
Yxy	34.7532, 0.4556, 0.3514
Android (android.graphics.Color)	4293624430 (0xFFEB826E)
YUV	159.1150, -24.2137, 66.5511
Hunter-Lab	58.9518, 33.2667, 22.0692

Details

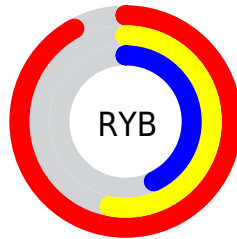
The Yxy color **34.7532, 0.4556, 0.3514** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **57.9167, 0.2394, 0.3032**, and the grayscale version is **34.8171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1496, 0.3933, 0.3523**, and **14.9105, 0.5006, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **29.5515, 0.4975, 0.3537**, and if you desaturate by 10%, it is **41.1016, 0.4179, 0.3477**.

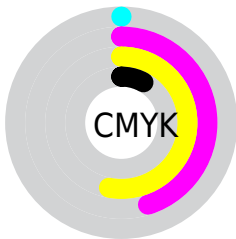
Distribution



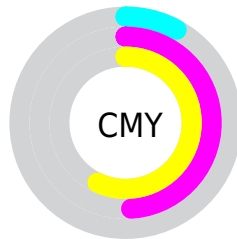
- Red (92%)
- Green (51%)
- Blue (43%)



- Red (92%)
- Yellow (53%)
- Blue (43%)



- Cyan (0%)
- Magenta (45%)
- Yellow (53%)
- Black (8%)





- Cyan (8%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7532, 0.4556, 0.3514 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 34.7532, 0.4556, 0.3514 by changing the saturation by 10% instead.

 34.7532, 0.4556,
0.3514


 34.7532, 0.4556,
0.3514


323.4776, 0.3804,
0.3439


 23.4728, 0.4751,
0.3517


 67.1033, 0.4276,
0.3497

 14.9430, 0.5003,
0.3511


 88.9417, 0.4173,
0.3488

 8.7794, 0.5337,
0.3484


 115.0684, 0.4086,
0.3478

 4.5976, 0.5793,
0.3407

 145.8675, 0.4012,
0.3469

 2.0131, 0.6669,
0.3331

181.7237, 0.3949,
0.3461

 0.6151, 0.7365,
0.2635

223.0211, 0.3894,


 0.0000, 1.0000,


0.3453


0.0000


270.1443, 0.3846,
0.3446


 0.0000, 0.0000,
0.0000


 34.7532, 0.4556,
0.3514

 34.7532, 0.4556,
0.3514


 29.5515, 0.4975,
0.3537


 41.1016, 0.4179,
0.3477


 25.4224, 0.5409,
0.3539


 48.6542, 0.3855,
0.3434


 22.2912, 0.5808,
0.3511

 57.4713, 0.3585,
0.3388

 20.0711, 0.6117,
0.3454

 67.6074, 0.3361,
0.3344

 19.0226, 0.6263,
0.3409

 79.1137, 0.3178,
0.3303

■ 92.0388, 0.3028,
0.3264

■ 96.4022, 0.3005,
0.3290

Harmonies

Analogous

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



34.7532, 0.4147, 0.2983



34.7532, 0.4556, 0.3514



34.7532, 0.4510, 0.4057

Triad

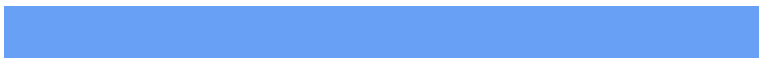
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.7532, 0.4556, 0.3514



34.7532, 0.2716, 0.4268



34.7532, 0.2165, 0.2171

Complementary

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



34.7532, 0.4556, 0.3514



57.9167, 0.2394, 0.3032

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.



34.7532, 0.1887, 0.2342



34.7532, 0.4556, 0.3514



34.7532, 0.2164, 0.3520

Square

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



34.7532, 0.4556, 0.3514



34.7532, 0.3416, 0.4640



34.7532, 0.1882, 0.2799



34.7532, 0.2704, 0.2249

Rectangle

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



34.7532, 0.4556, 0.3514



34.7532, 0.4254, 0.4376



34.7532, 0.1882, 0.2799



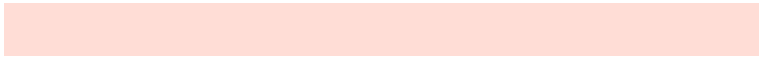
34.7532, 0.2042, 0.2199

Sweetspot

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



34.7550, 0.4556, 0.3514



77.6942, 0.3421, 0.3357



33.7870, 0.3373, 0.2180



16.0821, 0.3466, 0.3366



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.



34.7550, 0.4556, 0.3514



34.9646, 0.5023, 0.3539



56.1604, 0.4143, 0.4173



15.4432, 0.3289, 0.3328



10.7068, 0.6242, 0.3426



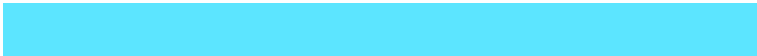
0.9578, 0.6003, 0.3616

Inverse Universe

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



57.9167, 0.2394, 0.3032



65.4634, 0.2287, 0.2969



32.3447, 0.2220, 0.2180



16.6876, 0.2981, 0.3251



25.8225, 0.2104, 0.2773



2.1376, 0.2126, 0.2852

Previews

White Background



This preview shows how the Yxy color 34.7532, 0.4556, 0.3514 looks on a white background.

Color Contrast Check

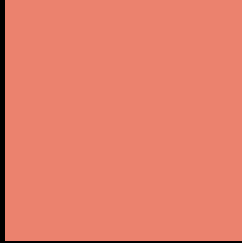
Large Text (above 18pt) WCAG AA × Fail

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 34.7532, 0.4556, 0.3514 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 34.7532, 0.4556, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 34.7532, 0.4556, 0.3514.



This preview shows how white text looks on a background with the Yxy color 34.7532, 0.4556, 0.3514.

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

34.7532, 0.4556, 0.3514

Protanopia

34.7724, 0.3575, 0.3819

Deuteranopia

35.0295, 0.4002, 0.3924



Tritanopia

34.7038, 0.4294, 0.3182

Trichromacy



Original Color

34.7532, 0.4556, 0.3514

Protanomaly

33.9571, 0.3931, 0.3697

Deuteranomaly

34.7222, 0.4213, 0.3771

Tritanomaly

34.5439, 0.4387, 0.3294

Monochromacy



Original Color

34.7532, 0.4556, 0.3514

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.6677, 0.3612, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7532, 0.4556, 0.3514 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(235, 130, 110)` looks like.

```
.text, #text, p{  
    color:rgb(235, 130, 110)  
}
```

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(235, 130, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 130, 110) }
```

Border

The CSS property to change the border of an element to Yxy 34.7532, 0.4556, 0.3514 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(235, 130, 110) }
```

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

```
.border{ border-color:rgb(235, 130, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 130, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 130, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 130, 110);  
box-shadow:4px 4px 4px 4px rgb(235, 130,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7532, 0.4556, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 130, 110) }
```

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

```
.background{ background-color: rgb(235,  
130, 110) }
```

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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