

Converting Colors

$Y_{xy}(32.9370, 0.4500, 0.3441)$

Have a look what the booklet for
Yxy(32.9370, 0.4500, 0.3441)
contains.

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Color

Yxy(32.9370, 0.4500, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	E67E71
RGB	230, 126, 113
RGB Percent	90%, 49%, 44%
CMY	0.0981, 0.5058, 0.5569
CMYK	0.00, 0.45, 0.51, 0.10
HSL	7°, 70%, 67%
HSV	7°, 51%, 90%
XYZ	43.0737, 32.9370, 19.7086
YIQ	155.6140, 66.1570, 18.0050

Conversions

Conversions Part 2

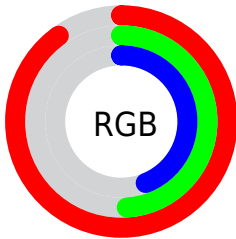
Format	Color
R_{YB}	230, 128, 113
Decimal	15105649
CIE _{Lab}	64.11, 38.75, 24.99
CIE _{LCh}	64, 46.111, 32.811
Yxy	32.9370, 0.4500, 0.3441
Android (android.graphics.Color)	4293295729 (0xFFE67E71)
YUV	155.6140, -21.0087, 65.2365
Hunter-Lab	57.3908, 33.5363, 19.8127

Details

The Yxy color **32.9370, 0.4500, 0.3441** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **58.8405, 0.2435, 0.3121**, and the grayscale version is **33.1392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6191, 0.3921, 0.3450**, and **13.8253, 0.4943, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **27.7798, 0.4929, 0.3459**, and if you desaturate by 10%, it is **39.2970, 0.4120, 0.3414**.

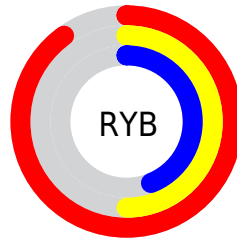
Distribution



Red (90%)

Green (49%)

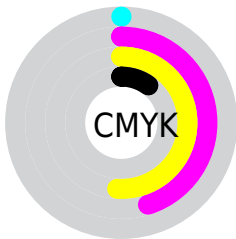
Blue (44%)



Red (90%)

Yellow (50%)

Blue (44%)

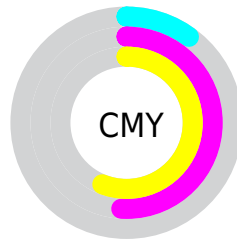


Cyan (0%)

Magenta (45%)

Yellow (51%)

Black (10%)



Cyan (10%)


Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9370, 0.4500, 0.3441 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 32.9370, 0.4500, 0.3441 by changing the saturation by 10% instead.

 32.9370, 0.4500,
0.3441


 32.9370, 0.4500,
0.3441


315.3658, 0.3769,
0.3398


 22.0782, 0.4693,
0.3438


 64.2772, 0.4226,
0.3435

 13.9144, 0.4945,
0.3425

 85.5273, 0.4125,
0.3430

 8.0611, 0.5285,
0.3389


 111.0100, 0.4041,
0.3424

 4.1341, 0.5760,
0.3303

 141.1097, 0.3970,
0.3418

 1.7488, 0.6755,
0.3245

176.2107, 0.3909,
0.3413

 0.4550, 0.7673,
0.2327

216.6974, 0.3856,


 0.0000, 1.0000,


0.3408

0.0000


262.9543, 0.3810,
0.3403

 0.0000, 0.0000,
0.0000


 32.9370, 0.4500,
0.3441


 32.9370, 0.4500,
0.3441


 27.7798, 0.4929,
0.3459


 39.2970, 0.4120,
0.3414


 23.7445, 0.5380,
0.3462

 46.9235, 0.3799,
0.3383


 20.7487, 0.5802,
0.3444

 55.8822, 0.3534,
0.3352

 18.6961, 0.6132,
0.3404

 66.2323, 0.3317,
0.3321

 17.5428, 0.6323,
0.3362

 78.0299, 0.3141,
0.3292

■ 91.3276, 0.2997,
0.3266

■ 95.5624, 0.2976,
0.3290

Harmonies

Analogous

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



32.9370, 0.4046, 0.2924



32.9370, 0.4500, 0.3441



32.9370, 0.4517, 0.3978

Triad

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



32.9370, 0.4500, 0.3441



32.9370, 0.2812, 0.4323



32.9370, 0.2130, 0.2197

Complementary

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



32.9370, 0.4500, 0.3441



58.8405, 0.2435, 0.3121

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.



32.9370, 0.1891, 0.2403



32.9370, 0.4500, 0.3441



32.9370, 0.2240, 0.3621

Square

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



32.9370, 0.4500, 0.3441



32.9370, 0.3506, 0.4621



32.9370, 0.1923, 0.2892



32.9370, 0.2629, 0.2243

Rectangle

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



32.9370, 0.4500, 0.3441



32.9370, 0.4297, 0.4302



32.9370, 0.1923, 0.2892



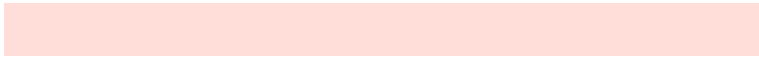
32.9370, 0.2020, 0.2236

Sweetspot

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



32.9387, 0.4500, 0.3441



77.9719, 0.3403, 0.3334



33.7093, 0.3299, 0.2171



16.0980, 0.3449, 0.3340



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.



32.9387, 0.4500, 0.3441



34.8341, 0.4950, 0.3459



51.9626, 0.4127, 0.4078



14.6247, 0.3290, 0.3317



10.0194, 0.6306, 0.3375



0.8269, 0.6102, 0.3537

Inverse Universe

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



58.8405, 0.2435, 0.3121



70.8721, 0.2336, 0.3081



34.2945, 0.2278, 0.2323



16.0481, 0.2982, 0.3263



27.9094, 0.2149, 0.2937



2.1409, 0.2165, 0.2993

Previews

White Background



This preview shows how the Yxy color 32.9370, 0.4500, 0.3441 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 32.9370, 0.4500, 0.3441 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 32.9370, 0.4500, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 32.9370, 0.4500, 0.3441.



This preview shows how white text looks on a background with the Yxy color 32.9370, 0.4500, 0.3441.

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

32.9370, 0.4500, 0.3441

Protanopia

33.2826, 0.3503, 0.3741

Deuteranopia

33.0381, 0.3932, 0.3848



Tritanopia

32.8208, 0.4297, 0.3191

Trichromacy



Original Color

32.9370, 0.4500, 0.3441

Protanomaly

32.4501, 0.3860, 0.3624

Deuteranomaly

32.7321, 0.4143, 0.3696

Tritanomaly

32.8849, 0.4378, 0.3282

Monochromacy



Original Color

32.9370, 0.4500, 0.3441

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.2115, 0.3589, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9370, 0.4500, 0.3441 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, 126, 113)` looks like.

```
.text, #text, p{  
    color:rgb(230, 126, 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(230, 126, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 126, 113) }
```

Border

The CSS property to change the border of an element to Yxy 32.9370, 0.4500, 0.3441 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, 126, 113) }
```

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

```
.border{ border-color:rgb(230, 126, 113) }
```

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

Here you see how a box with a 4 pixel rgb(230, 126, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 126, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 126, 113);  
box-shadow:4px 4px 4px 4px rgb(230, 126,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9370, 0.4500, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 126, 113) }
```

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

```
.background{ background-color: rgb(230,  
126, 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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