

Converting Colors

$Y_{xy}(30.9254, 0.4502, 0.3340)$

Have a look what the booklet for
Yxy(30.9254, 0.4502, 0.3340)
contains.

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Color

Yxy(30.9254, 0.4502, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	E47773
RGB	228, 119, 115
RGB Percent	89%, 47%, 45%
CMY	0.1059, 0.5333, 0.5492
CMYK	0.00, 0.48, 0.50, 0.11
HSL	2°, 68%, 67%
HSV	2°, 50%, 89%
XYZ	41.6845, 30.9254, 19.9811
YIQ	151.1350, 66.2480, 21.8640

Conversions

Conversions Part 2

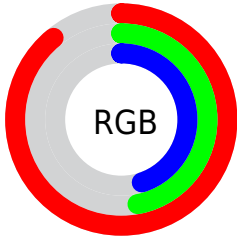
Format	Color
R_{YB}	228, 119, 115
Decimal	14972787
CIE _{Lab}	62.44, 41.76, 21.60
CIE _{LCh}	62, 47.012, 27.346
Yxy	30.9254, 0.4502, 0.3340
Android (android.graphics.Color)	4293162867 (0xFFE47773)
YUV	151.1350, -17.8146, 67.4106
Hunter-Lab	55.6106, 36.4811, 17.6243

Details

The Yxy color **30.9254, 0.4502, 0.3340** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **62.5306, 0.2470, 0.3237**, and the grayscale version is **31.0650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9372, 0.3929, 0.3356**, and **12.7444, 0.4957, 0.3295** is the 20% darker color. If you saturate the color by 10%, you get **25.8237, 0.4952, 0.3346**, and if you desaturate by 10%, it is **37.3702, 0.4108, 0.3331**.

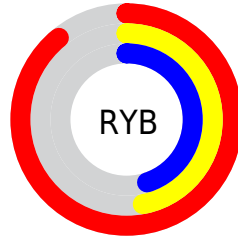
Distribution



Red (89%)

Green (47%)

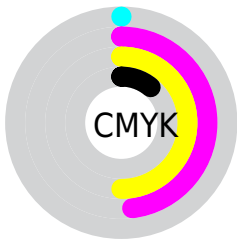
Blue (45%)



Red (89%)

Yellow (47%)

Blue (45%)

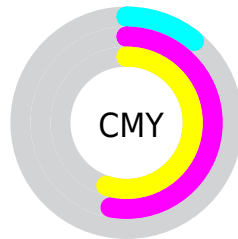


Cyan (0%)

Magenta (48%)

Yellow (50%)

Black (11%)



Cyan (11%)

Magenta (53%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9254, 0.4502, 0.3340 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 30.9254, 0.4502, 0.3340 by changing the saturation by 10% instead.

 30.9254, 0.4502,
0.3340


 30.9254, 0.4502,
0.3340


306.1945, 0.3762,
0.3347

 20.5420, 0.4701,
0.3325


 61.1226, 0.4222,
0.3352

 12.7897, 0.4963,
0.3296


 81.7052, 0.4120,
0.3353

 7.2839, 0.5322,
0.3240


 106.4564, 0.4035,
0.3354

 3.6403, 0.5831,
0.3126

135.7606, 0.3964,
0.3353

 1.4744, 0.6960,
0.3040

170.0021, 0.3902,
0.3352

 0.2706, 0.8336,
0.1664

209.5653, 0.3849,


 0.0000, 1.0000,

0.3350


0.0000


254.8346, 0.3803,
0.3349

 0.0000, 0.0000,
0.0000


 30.9254, 0.4502,
0.3340


 30.9254, 0.4502,
0.3340


 25.8237, 0.4952,
0.3346

 37.3702, 0.4108,
0.3331


 21.9660, 0.5425,
0.3348


 45.2385, 0.3778,
0.3320


 19.2471, 0.5864,
0.3341


 54.6102, 0.3510,
0.3309


 17.5427, 0.6194,
0.3328

 65.5578, 0.3294,
0.3299

 16.6933, 0.6375,
0.3315

 78.1492, 0.3121,
0.3290

 16.6710, 0.6381,
0.3316

 92.4482, 0.2981,
0.3281

 95.2338, 0.2964,
0.3290

Harmonies

Analogous

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



30.9254, 0.3959, 0.2820



30.9254, 0.4502, 0.3340



30.9254, 0.4602, 0.3897

Triad

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



30.9254, 0.4502, 0.3340



30.9254, 0.2923, 0.4468



30.9254, 0.2029, 0.2176

Complementary

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



30.9254, 0.4502, 0.3340



62.5306, 0.2470, 0.3237

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.



30.9254, 0.1833, 0.2437



30.9254, 0.4502, 0.3340



30.9254, 0.2295, 0.3782

Square

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



30.9254, 0.4502, 0.3340



30.9254, 0.3645, 0.4674



30.9254, 0.1917, 0.2996



30.9254, 0.2496, 0.2181

Rectangle

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



30.9254, 0.4502, 0.3340



30.9254, 0.4418, 0.4248



30.9254, 0.1917, 0.2996



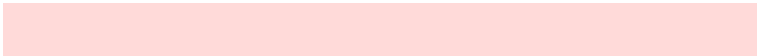
30.9254, 0.1933, 0.2232

Sweetspot

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



30.9270, 0.4502, 0.3340



76.4612, 0.3407, 0.3305



34.1418, 0.3219, 0.2130



15.7402, 0.3455, 0.3307



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.



30.9270, 0.4502, 0.3340



33.4083, 0.4942, 0.3346



48.4883, 0.4141, 0.3979



14.4502, 0.3292, 0.3299



9.6629, 0.6374, 0.3321



0.7434, 0.6299, 0.3381

Inverse Universe

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



62.5306, 0.2470, 0.3237



78.3289, 0.2383, 0.3225



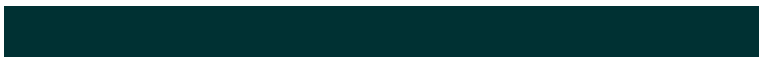
37.1439, 0.2321, 0.2462



16.2432, 0.2982, 0.3281



32.7823, 0.2216, 0.3178



2.4503, 0.2221, 0.3195

Previews

White Background



This preview shows how the Yxy color 30.9254, 0.4502, 0.3340 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 30.9254, 0.4502, 0.3340 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 30.9254, 0.4502, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 30.9254, 0.4502, 0.3340.



This preview shows how white text looks on a background with the Yxy color 30.9254, 0.4502, 0.3340.

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

30.9254, 0.4502, 0.3340

Protanopia

31.1159, 0.3415, 0.3615

Deuteranopia

30.9603, 0.3866, 0.3796



Tritanopia

30.8870, 0.4385, 0.3191

Trichromacy



Original Color

30.9254, 0.4502, 0.3340

Protanomaly

30.1363, 0.3788, 0.3491

Deuteranomaly

30.6485, 0.4098, 0.3614

Tritanomaly

31.0200, 0.4430, 0.3248

Monochromacy



Original Color

30.9254, 0.4502, 0.3340

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.8839, 0.3585, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9254, 0.4502, 0.3340 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(228, 119, 115)` looks like.

```
.text, #text, p{  
    color:rgb(228, 119, 115)  
}
```

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(228, 119, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 119, 115) }
```

Border

The CSS property to change the border of an element to Yxy 30.9254, 0.4502, 0.3340 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(228, 119, 115) }
```

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

```
.border{ border-color:rgb(228, 119, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 119, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 119, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 119, 115);  
box-shadow:4px 4px 4px 4px rgb(228, 119,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9254, 0.4502, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 119, 115) }
```

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

```
.background{ background-color: rgb(228,  
119, 115) }
```

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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