

Converting Colors

Yxy(30.8086, 0.4438, 0.3331)

Have a look what the booklet for
Yxy(30.8086, 0.4438, 0.3331)
contains.

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Color

Yxy(30.7248, 0.4440, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	E17875
RGB	225, 120, 117
RGB Percent	88%, 47%, 46%
CMY	0.1176, 0.5294, 0.5413
CMYK	0.00, 0.47, 0.48, 0.12
HSL	2°, 64%, 67%
HSV	2°, 48%, 88%
XYZ	40.9787, 30.7248, 20.5909
YIQ	151.0530, 63.5430, 21.3270

Conversions

Conversions Part 2

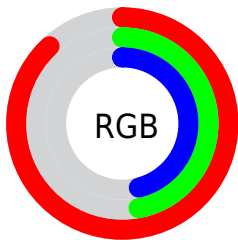
Format	Color
R_{YB}	225, 120, 117
Decimal	14776437
CIE _{Lab}	62.27, 40.34, 20.16
CIE _{LCh}	62, 45.092, 26.554
Yxy	30.7248, 0.4440, 0.3329
Android (android.graphics.Color)	4292966517 (0xFFE17875)
YUV	151.0530, -16.7881, 64.8515
Hunter-Lab	55.4300, 34.9605, 16.7762

Details

The Yxy color **30.7248, 0.4440, 0.3329** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **61.4437, 0.2487, 0.3249**, and the grayscale version is **31.0242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3967, 0.3907, 0.3345**, and **12.6709, 0.4885, 0.3281** is the 20% darker color. If you saturate the color by 10%, you get **25.5861, 0.4884, 0.3335**, and if you desaturate by 10%, it is **37.1949, 0.4054, 0.3321**.

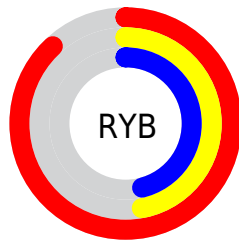
Distribution



Red (88%)

Green (47%)

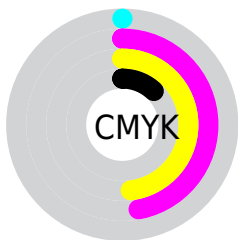
Blue (46%)



Red (88%)

Yellow (47%)

Blue (46%)

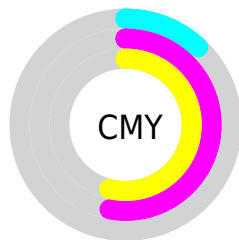


Cyan (0%)

Magenta (47%)

Yellow (48%)

Black (12%)



Cyan (12%)


Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7248, 0.4440, 0.3329 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 30.7248, 0.4440, 0.3329 by changing the saturation by 10% instead.


 30.7248, 0.4440,
0.3329


 30.7248, 0.4440,
0.3329

305.2685, 0.3733,
0.3339


 20.3894, 0.4631,
0.3314


 60.8065, 0.4172,
0.3341

 12.6784, 0.4884,
0.3287


 81.3216, 0.4074,
0.3343

 7.2075, 0.5232,
0.3235


 105.9988, 0.3993,
0.3343

 3.5922, 0.5731,
0.3128

135.2223, 0.3925,
0.3343

 1.4482, 0.6812,
0.3040

169.3766, 0.3866,
0.3342

 0.2518, 0.8361,
0.1639

208.8462, 0.3816,


 0.0000, 1.0000,

0.3341


0.0000


254.0153, 0.3771,
0.3340


 0.0000, 0.0000,
0.0000


 30.7248, 0.4440,
0.3329


 30.7248, 0.4440,
0.3329


 25.5861, 0.4884,
0.3335

 37.1949, 0.4054,
0.3321


 21.6819, 0.5359,
0.3337

 45.0749, 0.3734,
0.3313


 18.9099, 0.5809,
0.3333

 54.4431, 0.3473,
0.3304


 17.1494, 0.6159,
0.3323

 65.3705, 0.3264,
0.3296

 16.2500, 0.6358,
0.3312

 77.9236, 0.3097,
0.3289

 16.1457, 0.6385,
0.3312

 92.1649, 0.2962,
0.3282

 94.7485, 0.2946,
0.3289

Harmonies

Analogous

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



30.7248, 0.3910, 0.2825



30.7248, 0.4440, 0.3329



30.7248, 0.4551, 0.3869

Triad

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



30.7248, 0.4440, 0.3329



30.7248, 0.2952, 0.4429



30.7248, 0.2057, 0.2217

Complementary

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



30.7248, 0.4440, 0.3329



61.4437, 0.2487, 0.3249

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.



30.7248, 0.1874, 0.2480



30.7248, 0.4440, 0.3329



30.7248, 0.2340, 0.3783

Square

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



30.7248, 0.4440, 0.3329



30.7248, 0.3649, 0.4618



30.7248, 0.1965, 0.3029



30.7248, 0.2504, 0.2214

Rectangle

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



30.7248, 0.4440, 0.3329



30.7248, 0.4384, 0.4207



30.7248, 0.1965, 0.3029



30.7248, 0.1966, 0.2274

Sweetspot

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



30.7264, 0.4440, 0.3329



77.7358, 0.3386, 0.3301



34.0630, 0.3199, 0.2147



15.9852, 0.3433, 0.3303



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.



30.7264, 0.4440, 0.3329



33.7482, 0.4902, 0.3335



47.0984, 0.4111, 0.3939



13.7619, 0.3291, 0.3297



9.3316, 0.6379, 0.3317



0.6689, 0.6316, 0.3367

Inverse Universe

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



61.4437, 0.2487, 0.3249



79.2498, 0.2394, 0.3239



37.6622, 0.2351, 0.2520



15.5028, 0.2982, 0.3283



32.2613, 0.2223, 0.3202



2.2573, 0.2227, 0.3216

Previews

White Background



This preview shows how the Yxy color 30.7248, 0.4440, 0.3329 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 30.7248, 0.4440, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

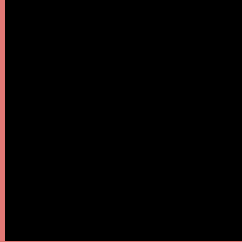
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.7248, 0.4440, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 30.7248, 0.4440, 0.3329.



This preview shows how white text looks on a background with the Yxy color 30.7248, 0.4440, 0.3329.

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

30.7248, 0.4440, 0.3329

Protanopia

31.0683, 0.3384, 0.3584

Deuteranopia

30.9080, 0.3823, 0.3755



Tritanopia

30.6579, 0.4335, 0.3189

Trichromacy



Original Color

30.7248, 0.4440, 0.3329

Protanomaly

30.2336, 0.3738, 0.3478

Deuteranomaly

30.4253, 0.4053, 0.3590

Tritanomaly

30.7925, 0.4380, 0.3247

Monochromacy



Original Color

30.7248, 0.4440, 0.3329

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.0852, 0.3560, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7248, 0.4440, 0.3329 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(225, 120, 117)` looks like.

```
.text, #text, p{  
    color:rgb(225, 120, 117)  
}
```

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(225, 120, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 120, 117) }
```

Border

The CSS property to change the border of an element to Yxy 30.7248, 0.4440, 0.3329 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(225, 120, 117) }
```

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

```
.border{ border-color:rgb(225, 120, 117) }
```

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

Here you see how a box with a 4 pixel rgb(225, 120, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 120, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 120, 117);  
box-shadow:4px 4px 4px 4px rgb(225, 120,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7248, 0.4440, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 120, 117) }
```

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

```
.background{ background-color: rgb(225,  
120, 117) }
```

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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