

Converting Colors

$Y_{xy}(30.8122, 0.4274, 0.3084)$

Have a look what the booklet for
Yxy(30.8122, 0.4274, 0.3084)
contains.

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Color

Yxy(30.7060, 0.4276, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	E47486
RGB	228, 116, 134
RGB Percent	89%, 45%, 53%
CMY	0.1059, 0.5451, 0.4744
CMYK	0.00, 0.49, 0.41, 0.11
HSL	350°, 67%, 67%
HSV	350°, 49%, 89%
XYZ	42.5466, 30.7060, 26.2484
YIQ	151.5400, 60.9740, 29.3420

Conversions

Conversions Part 2

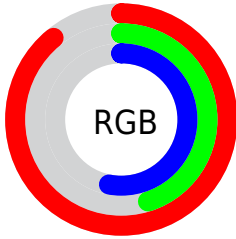
Format	Color
R_{YB}	228, 116, 134
Decimal	14972038
CIE _{Lab}	62.26, 45.16, 10.46
CIE _{LCh}	62, 46.356, 13.035
Yxy	30.7060, 0.4276, 0.3086
Android (android.graphics.Color)	4293162118 (0xFFE47486)
YUV	151.5400, -8.6472, 67.0554
Hunter-Lab	55.4130, 40.0812, 10.7043

Details

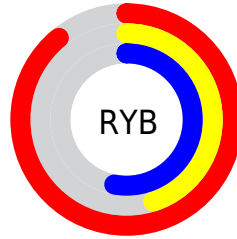
The Yxy color **30.7060, 0.4276, 0.3086** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **63.8558, 0.2570, 0.3523**, and the grayscale version is **31.2105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5973, 0.3752, 0.3114**, and **12.6459, 0.4663, 0.2981** is the 20% darker color. If you saturate the color by 10%, you get **25.5940, 0.4662, 0.3058**, and if you desaturate by 10%, it is **37.2074, 0.3944, 0.3124**.

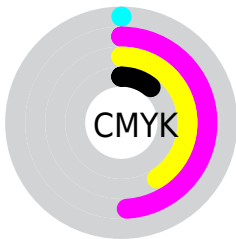
Distribution



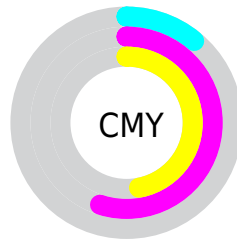
- Red (89%)
- Green (45%)
- Blue (53%)



- Red (89%)
- Yellow (45%)
- Blue (53%)



- Cyan (0%)
- Magenta (49%)
- Yellow (41%)
- Black (11%)





- Cyan (11%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7060, 0.4276, 0.3086 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 30.7060, 0.4276, 0.3086 by changing the saturation by 10% instead.


 30.7060, 0.4276,
0.3086

 30.7060, 0.4276,
0.3086

305.1816, 0.3658,
0.3211

 20.3751, 0.4444,
0.3047

 60.7769, 0.4041,
0.3137

 12.6680, 0.4668,
0.2990


 81.2857, 0.3956,
0.3155

 7.2003, 0.4979,
0.2906


 105.9558, 0.3885,
0.3169

 3.5877, 0.5437,
0.2767

135.1718, 0.3826,
0.3180

 1.4457, 0.6175,
0.2522

169.3180, 0.3774,
0.3190

 0.2500, 0.8525,
0.1475

208.7787, 0.3730,


 0.0000, 1.0000,


0.3198

0.0000

253.9385, 0.3692,
0.3205


 0.0000, 0.0000,
0.0000


 30.7060, 0.4276,
0.3086


 30.7060, 0.4276,
0.3086

 25.5940, 0.4662,
0.3058


 37.2074, 0.3944,
0.3124


 21.7655, 0.5088,
0.3049


 45.1847, 0.3668,
0.3168

 19.1069, 0.5516,
0.3067


 54.7229, 0.3443,
0.3211

 17.4822, 0.5894,
0.3114

 65.8990, 0.3262,
0.3254

 16.6808, 0.6174,
0.3181

 78.7852, 0.3116,
0.3293

 16.6269, 0.6195,
0.3186

 93.4491, 0.2998,
0.3330

 95.2352, 0.2964,
0.3290

Harmonies

Analogous

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



30.7060, 0.3597, 0.2613



30.7060, 0.4276, 0.3086



30.7060, 0.4597, 0.3630

Triad

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



30.7060, 0.4276, 0.3086



30.7060, 0.3268, 0.4620



30.7060, 0.1913, 0.2276

Complementary

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



30.7060, 0.4276, 0.3086



63.8558, 0.2570, 0.3523

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.



30.7060, 0.1850, 0.2674



30.7060, 0.4276, 0.3086



30.7060, 0.2578, 0.4139

Square

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



30.7060, 0.4276, 0.3086



30.7060, 0.3957, 0.4576



30.7060, 0.2073, 0.3356



30.7060, 0.2249, 0.2160

Rectangle

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



30.7060, 0.4276, 0.3086



30.7060, 0.4552, 0.3995



30.7060, 0.2073, 0.3356



30.7060, 0.1861, 0.2375

Sweetspot

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



30.7076, 0.4276, 0.3086



76.0796, 0.3365, 0.3229



31.6971, 0.3001, 0.2040



15.6501, 0.3405, 0.3220



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.



30.7076, 0.4276, 0.3086



32.8505, 0.4672, 0.3058



40.6483, 0.4269, 0.3724



14.4056, 0.3267, 0.3252



9.6116, 0.6165, 0.3170



0.7218, 0.5797, 0.2967

Inverse Universe

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



30.7076, 0.4276, 0.3086



32.8505, 0.4672, 0.3058



46.4330, 0.2389, 0.2789



14.4056, 0.3267, 0.3252



9.6116, 0.6165, 0.3170



0.7218, 0.5797, 0.2967

Previews

White Background



This preview shows how the Yxy color 30.7060, 0.4276, 0.3086 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 30.7060, 0.4276, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

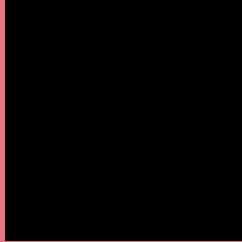
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7060, 0.4276, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 30.7060, 0.4276, 0.3086.

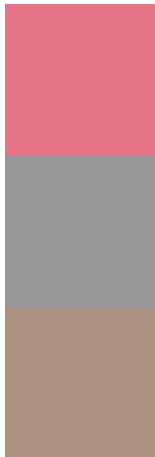


This preview shows how white text looks on a background with the Yxy color 30.7060, 0.4276, 0.3086.

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

30.7060, 0.4276, 0.3086

Protanopia

30.8849, 0.3129, 0.3244

Deuteranopia

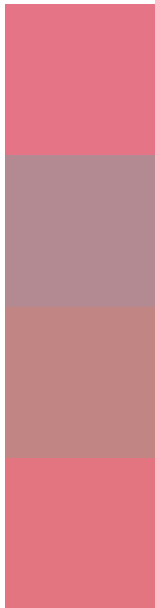
30.7200, 0.3596, 0.3527



Tritanopia

30.5598, 0.4364, 0.3190

Trichromacy



Original Color

30.7060, 0.4276, 0.3086

Protanomaly

29.9556, 0.3510, 0.3177

Deuteranomaly

30.0263, 0.3842, 0.3333

Tritanomaly

30.6385, 0.4325, 0.3155

Monochromacy



Original Color

30.7060, 0.4276, 0.3086

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.2129, 0.3519, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7060, 0.4276, 0.3086 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, 116, 134)` looks like.

```
.text, #text, p{  
    color:rgb(228, 116, 134)  
}
```

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, 116, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 116, 134) }
```

Border

The CSS property to change the border of an element to Yxy 30.7060, 0.4276, 0.3086 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, 116, 134) }
```

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

```
.border{ border-color:rgb(228, 116, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 116, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 116, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 116, 134);  
box-shadow:4px 4px 4px 4px rgb(228, 116,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7060, 0.4276, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 116, 134) }
```

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

```
.background{ background-color: rgb(228,  
116, 134) }
```

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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