

Converting Colors

Yxy(32.0225, 0.4187, 0.3098)

Have a look what the booklet for
Yxy(32.0225, 0.4187, 0.3098)
contains.

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Color

Yxy(32.0849, 0.4186, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	E37A8A
RGB	227, 122, 138
RGB Percent	89%, 48%, 54%
CMY	0.1098, 0.5216, 0.4589
CMYK	0.00, 0.46, 0.39, 0.11
HSL	351°, 65%, 68%
HSV	351°, 46%, 89%
XYZ	43.2274, 32.0849, 27.9542
YIQ	155.2190, 57.4440, 27.2360

Conversions

Conversions Part 2

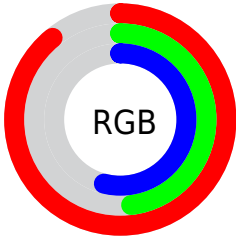
Format	Color
RYB	227, 122, 138
Decimal	14908042
CIELab	63.41, 42.21, 9.81
CIELCh	63, 43.339, 13.076
Yxy	32.0849, 0.4186, 0.3107
Android (android.graphics.Color)	4293098122 (0xFFE37A8A)
YUV	155.2190, -8.4890, 62.9519
Hunter-Lab	56.6435, 37.0956, 10.3902

Details

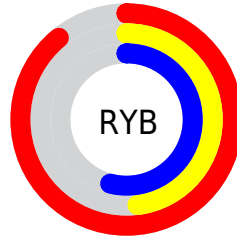
The Yxy color **32.0849, 0.4186, 0.3107** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **63.7863, 0.2589, 0.3495**, and the grayscale version is **32.9000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0723, 0.3699, 0.3135**, and **13.4097, 0.4540, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **26.6390, 0.4562, 0.3078**, and if you desaturate by 10%, it is **38.9347, 0.3867, 0.3145**.

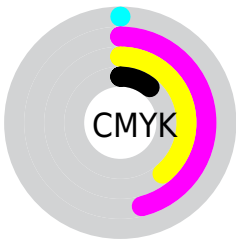
Distribution



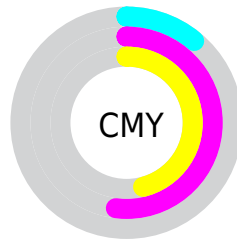
- Red (89%)
- Green (48%)
- Blue (54%)



- Red (89%)
- Yellow (48%)
- Blue (54%)



- Cyan (0%)
- Magenta (46%)
- Yellow (39%)
- Black (11%)





- Cyan (11%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0849, 0.4186, 0.3107 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 32.0849, 0.4186, 0.3107 by changing the saturation by 10% instead.


 32.0849, 0.4186,
0.3107


 32.0849, 0.4186,
0.3107


311.5058, 0.3620,
0.3218


 21.4264, 0.4339,
0.3072


 62.9442, 0.3972,
0.3152

 13.4360, 0.4542,
0.3024


 83.9137, 0.3894,
0.3168

 7.7295, 0.4824,
0.2950


 109.0889, 0.3829,
0.3180

 3.9223, 0.5237,
0.2831

138.8544, 0.3774,
0.3190

 1.6302, 0.5889,
0.2616

173.5944, 0.3727,
0.3199

 0.3778, 0.8006,
0.1994

213.6934, 0.3687,

 0.0000, 1.0000,

0.3206

0.0000

259.5357, 0.3651,
0.3212

0.0000, 0.0000,
0.0000

32.0849, 0.4186,
0.3107

32.0849, 0.4186,
0.3107

26.6390, 0.4562,
0.3078

38.9347, 0.3867,
0.3145

22.4948, 0.4983,
0.3064

47.2715, 0.3603,
0.3186

19.5444, 0.5418,
0.3073


57.1776, 0.3390,
0.3227


17.6600, 0.5817,
0.3111

68.7278, 0.3217,
0.3267

16.6826, 0.6124,
0.3174

81.9924, 0.3079,
0.3303

 16.4515, 0.6212,
0.3196

 94.9738, 0.2966,
0.3305

 95.0727, 0.2958,
0.3290

Harmonies

Analogous

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



32.0849, 0.3564, 0.2661



32.0849, 0.4186, 0.3107



32.0849, 0.4484, 0.3618

Triad

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



32.0849, 0.4186, 0.3107



32.0849, 0.3265, 0.4506



32.0849, 0.1995, 0.2349

Complementary

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



32.0849, 0.4186, 0.3107



63.7863, 0.2589, 0.3495

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.



32.0849, 0.1936, 0.2726



32.0849, 0.4186, 0.3107



32.0849, 0.2623, 0.4065

Square

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



32.0849, 0.4186, 0.3107



32.0849, 0.3904, 0.4481



32.0849, 0.2149, 0.3355



32.0849, 0.2313, 0.2236

Rectangle

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



32.0849, 0.4186, 0.3107



32.0849, 0.4447, 0.3959



32.0849, 0.2149, 0.3355



32.0849, 0.1946, 0.2444

Sweetspot

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



32.0865, 0.4186, 0.3107



77.5015, 0.3349, 0.3236



33.0956, 0.3012, 0.2109



15.9294, 0.3390, 0.3227



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.



32.0865, 0.4186, 0.3107



34.6121, 0.4566, 0.3077



41.8532, 0.4178, 0.3700



14.4036, 0.3269, 0.3254



9.6042, 0.6185, 0.3181



0.7208, 0.5826, 0.2983

Inverse Universe

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



32.0865, 0.4186, 0.3107



34.6121, 0.4566, 0.3077



47.3869, 0.2428, 0.2824



14.4036, 0.3269, 0.3254



9.6042, 0.6185, 0.3181



0.7208, 0.5826, 0.2983

Previews

White Background



This preview shows how the Yxy color 32.0849, 0.4186, 0.3107 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 32.0849, 0.4186, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

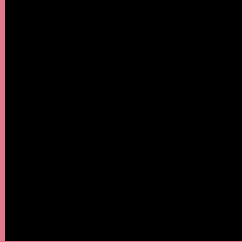
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0849, 0.4186, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 32.0849, 0.4186, 0.3107.



This preview shows how white text looks on a background with the Yxy color 32.0849, 0.4186, 0.3107.

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

32.0849, 0.4186, 0.3107

Protanopia

32.2169, 0.3139, 0.3260

Deuteranopia

32.1311, 0.3567, 0.3494



Tritanopia

32.1628, 0.4256, 0.3189

Trichromacy



Original Color

32.0849, 0.4186, 0.3107

Protanomaly

31.4610, 0.3490, 0.3193

Deuteranomaly

31.8166, 0.3798, 0.3346

Tritanomaly

32.2180, 0.4231, 0.3165

Monochromacy



Original Color

32.0849, 0.4186, 0.3107

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.6386, 0.3476, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0849, 0.4186, 0.3107 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(227, 122, 138)` looks like.

```
.text, #text, p{  
    color:rgb(227, 122, 138)  
}
```

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(227, 122, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 122, 138) }
```

Border

The CSS property to change the border of an element to Yxy 32.0849, 0.4186, 0.3107 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(227, 122, 138) }
```

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

```
.border{ border-color:rgb(227, 122, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 122, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 122, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 122, 138);  
box-shadow:4px 4px 4px 4px rgb(227, 122,  
138) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.0849, 0.4186, 0.3107$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 122, 138) }
```

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

```
.background{ background-color: rgb(227,  
122, 138) }
```

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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