

Converting Colors

$Y_{xy}(32.9980, 0.4201, 0.3077)$

Have a look what the booklet for
Yxy(32.9980, 0.4201, 0.3077)
contains.

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Color

Yxy(32.9980, 0.4201, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	E87A8D
RGB	232, 122, 141
RGB Percent	91%, 48%, 55%
CMY	0.0901, 0.5216, 0.4471
CMYK	0.00, 0.47, 0.39, 0.09
HSL	350°, 71%, 69%
HSV	350°, 47%, 91%
XYZ	45.0519, 32.9980, 29.1910
YIQ	157.0560, 59.4610, 29.2290

Conversions

Conversions Part 2

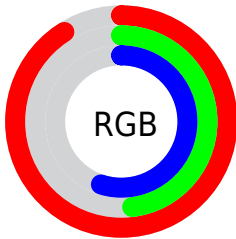
Format	Color
R _Y B	232, 122, 141
Decimal	15235725
CIE Lab	64.16, 44.33, 9.24
CIE LCh	64, 45.287, 11.779
Yxy	32.9980, 0.4201, 0.3077
Android (android.graphics.Color)	4293425805 (0xFFE87A8D)
YUV	157.0560, -7.9156, 65.7259
Hunter-Lab	57.4439, 39.4665, 10.0816

Details

The Yxy color **32.9980, 0.4201, 0.3077** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.6702, 0.2590, 0.3531**, and the grayscale version is **33.7595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5993, 0.3670, 0.3114**, and **13.8958, 0.4560, 0.2982** is the 20% darker color. If you saturate the color by 10%, you get **27.4438, 0.4574, 0.3044**, and if you desaturate by 10%, it is **40.0146, 0.3883, 0.3120**.

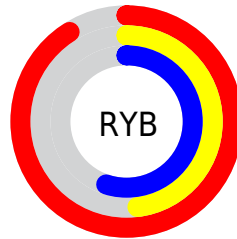
Distribution



Red (91%)

Green (48%)

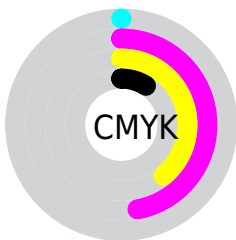
Blue (55%)



Red (91%)

Yellow (48%)

Blue (55%)

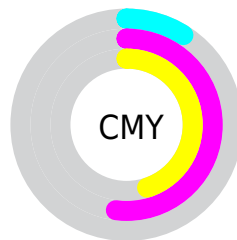


Cyan (0%)

Magenta (47%)

Yellow (39%)

Black (9%)



Cyan (9%)


Magenta (52%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9980, 0.4201, 0.3077 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 32.9980, 0.4201, 0.3077 by changing the saturation by 10% instead.


 32.9980, 0.4201,
0.3077


 32.9980, 0.4201,
0.3077


315.6407, 0.3630,
0.3202


 22.1249, 0.4354,
0.3039


 64.3724, 0.3985,
0.3127

 13.9487, 0.4557,
0.2986

 85.6425, 0.3907,
0.3145

 8.0850, 0.4837,
0.2908


 111.1471, 0.3842,
0.3159

 4.1494, 0.5244,
0.2784

141.2705, 0.3786,
0.3171

 1.7575, 0.5881,
0.2566

176.3972, 0.3739,
0.3181

 0.4605, 0.7887,
0.2113

216.9115, 0.3698,


 0.0000, 1.0000,


0.3189


0.0000


263.1979, 0.3662,
0.3196


 0.0000, 0.0000,
0.0000


 32.9980, 0.4201,
0.3077


 32.9980, 0.4201,
0.3077


 27.4438, 0.4574,
0.3044


 40.0146, 0.3883,
0.3120

 23.2433, 0.4989,
0.3030


 48.5819, 0.3620,
0.3167

 20.2813, 0.5416,
0.3042

 58.7871, 0.3406,
0.3214

 18.4203, 0.5807,
0.3086

 70.7097, 0.3233,
0.3259

 17.4795, 0.6108,
0.3156

 84.4238, 0.3094,
0.3301

■ 17.3139, 0.6171,
0.3173

■ 95.9002, 0.2988,
0.3290

Harmonies

Analogous

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



32.9980, 0.3547, 0.2624



32.9980, 0.4201, 0.3077



32.9980, 0.4527, 0.3601

Triad

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



32.9980, 0.4201, 0.3077



32.9980, 0.3296, 0.4561



32.9980, 0.1953, 0.2329

Complementary

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



32.9980, 0.4201, 0.3077



66.6702, 0.2590, 0.3531

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.



32.9980, 0.1904, 0.2727



32.9980, 0.4201, 0.3077



32.9980, 0.2630, 0.4124

Square

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



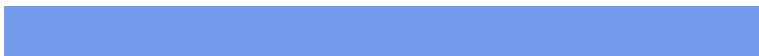
32.9980, 0.4201, 0.3077



32.9980, 0.3952, 0.4510



32.9980, 0.2133, 0.3388



32.9980, 0.2267, 0.2204

Rectangle

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



32.9980, 0.4201, 0.3077



32.9980, 0.4499, 0.3952



32.9980, 0.2133, 0.3388



32.9980, 0.1906, 0.2430

Sweetspot

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



32.9997, 0.4201, 0.3077



77.5414, 0.3344, 0.3229



33.7195, 0.2990, 0.2073



15.9390, 0.3384, 0.3219



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.



32.9997, 0.4201, 0.3077



34.0788, 0.4569, 0.3045



42.6232, 0.4227, 0.3690



14.4084, 0.3265, 0.3250



9.6223, 0.6138, 0.3155



0.7231, 0.5759, 0.2946

Inverse Universe

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



32.9997, 0.4201, 0.3077



34.0788, 0.4569, 0.3045



49.9795, 0.2416, 0.2834



14.4084, 0.3265, 0.3250



9.6223, 0.6138, 0.3155



0.7231, 0.5759, 0.2946

Previews

White Background



This preview shows how the Yxy color 32.9980, 0.4201, 0.3077 looks on a white background.

Color Contrast Check

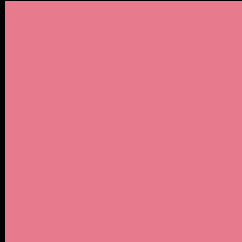
Large Text (above 18pt) WCAG AA × Fail

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 32.9980, 0.4201, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

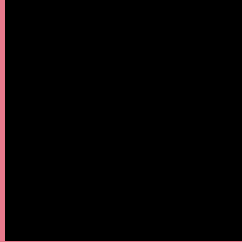
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9980, 0.4201, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 32.9980, 0.4201, 0.3077.



This preview shows how white text looks on a background with the Yxy color 32.9980, 0.4201, 0.3077.

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

32.9980, 0.4201, 0.3077

Protanopia

33.2150, 0.3120, 0.3231

Deuteranopia

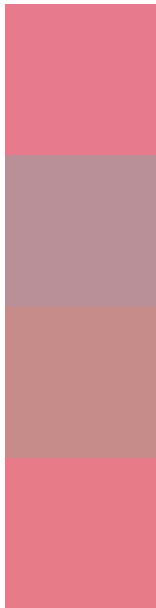
33.0552, 0.3561, 0.3492



Tritanopia

32.8208, 0.4297, 0.3191

Trichromacy



Original Color

32.9980, 0.4201, 0.3077

Protanomaly

32.2262, 0.3488, 0.3166

Deuteranomaly

32.5969, 0.3793, 0.3319

Tritanomaly

32.9041, 0.4260, 0.3156

Monochromacy



Original Color

32.9980, 0.4201, 0.3077

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.3712, 0.3485, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9980, 0.4201, 0.3077 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(232, 122, 141)` looks like.

```
.text, #text, p{  
    color:rgb(232, 122, 141)  
}
```

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(232, 122, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 122, 141) }
```

Border

The CSS property to change the border of an element to Yxy 32.9980, 0.4201, 0.3077 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(232, 122, 141) }
```

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

```
.border{ border-color:rgb(232, 122, 141) }
```

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

Here you see how a box with a 4 pixel rgb(232, 122, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 122, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 122, 141);  
box-shadow:4px 4px 4px 4px rgb(232, 122,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9980, 0.4201, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 122, 141) }
```

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

```
.background{ background-color: rgb(232,  
122, 141) }
```

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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