

Converting Colors

$Yxy(33.0193, 0.4053, 0.3035)$

Have a look what the booklet for
Yxy(33.0193, 0.4053, 0.3035)
contains.

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Color

Yxy(32.9426, 0.4050, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	E27D93
RGB	226, 125, 147
RGB Percent	89%, 49%, 58%
CMY	0.1138, 0.5097, 0.4236
CMYK	0.00, 0.45, 0.35, 0.11
HSL	347°, 64%, 69%
HSV	347°, 45%, 89%
XYZ	43.9596, 32.9426, 31.6401
YIQ	157.7070, 53.1340, 28.2540

Conversions

Conversions Part 2

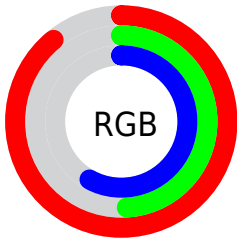
Format	Color
R _Y B	226, 125, 147
Decimal	14843283
CIE Lab	64.11, 41.35, 5.66
CIE LCh	64, 41.736, 7.790
Yxy	32.9426, 0.4050, 0.3035
Android (android.graphics.Color)	4293033363 (0xFFE27D93)
YUV	157.7070, -5.2786, 59.8930
Hunter-Lab	57.3956, 36.2718, 7.4926

Details

The Yxy color **32.9426, 0.4050, 0.3035** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.1058, 0.2637, 0.3575**, and the grayscale version is **34.0602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7172, 0.3603, 0.3063**, and **13.9530, 0.4351, 0.2934** is the 20% darker color. If you saturate the color by 10%, you get **27.3448, 0.4385, 0.2988**, and if you desaturate by 10%, it is **39.9305, 0.3767, 0.3091**.

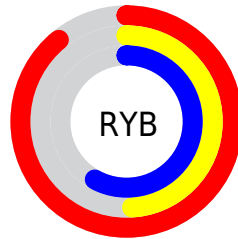
Distribution



Red (89%)

Green (49%)

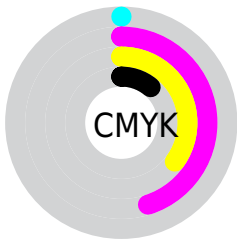
Blue (58%)



Red (89%)

Yellow (49%)

Blue (58%)

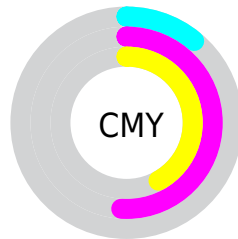


Cyan (0%)

Magenta (45%)

Yellow (35%)

Black (11%)



Cyan (11%)


Magenta (51%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9426, 0.4050, 0.3035 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 32.9426, 0.4050, 0.3035 by changing the saturation by 10% instead.


 32.9426, 0.4050,
0.3035


 32.9426, 0.4050,
0.3035


315.3910, 0.3560,
0.3177

 22.0825, 0.4182,
0.2995


 64.2859, 0.3865,
0.3090

 13.9175, 0.4356,
0.2939


 85.5379, 0.3798,
0.3110

 8.0633, 0.4598,
0.2860

 111.0226, 0.3742,
0.3126

 4.1355, 0.4953,
0.2739

141.1244, 0.3694,
0.3140

 1.7496, 0.5517,
0.2532

176.2278, 0.3653,
0.3151

 0.4555, 0.7417,
0.2116


216.7171, 0.3618,


 0.0000, 1.0000,


0.3161


0.0000


262.9767, 0.3587,
0.3170


 0.0000, 0.0000,
0.0000

 32.9426, 0.4050,
0.3035


 32.9426, 0.4050,
0.3035

 27.3448, 0.4385,
0.2988

 39.9305, 0.3767,
0.3091


 23.0389, 0.4767,
0.2959


 48.3882, 0.3533,
0.3151


 19.9217, 0.5174,
0.2958

 58.3953, 0.3343,
0.3210

 17.8718, 0.5570,
0.2993

 70.0240, 0.3189,
0.3265

 16.7412, 0.5908,
0.3065

 83.3422, 0.3064,
0.3317

■ 16.3894, 0.6055,
0.3109

■ 94.7828, 0.2962,
0.3309

■ 94.9062, 0.2952,
0.3289

Harmonies

Analogous

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



32.9426, 0.3427, 0.2623



32.9426, 0.4050, 0.3035



32.9426, 0.4402, 0.3523

Triad

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



32.9426, 0.4050, 0.3035



32.9426, 0.3376, 0.4475



32.9426, 0.2011, 0.2434

Complementary

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



32.9426, 0.4050, 0.3035



63.1058, 0.2637, 0.3575

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.



32.9426, 0.2000, 0.2844



32.9426, 0.4050, 0.3035



32.9426, 0.2748, 0.4128

Square

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



32.9426, 0.4050, 0.3035



32.9426, 0.3969, 0.4388



32.9426, 0.2254, 0.3477



32.9426, 0.2275, 0.2280

Rectangle

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



32.9426, 0.4050, 0.3035



32.9426, 0.4417, 0.3853



32.9426, 0.2254, 0.3477



32.9426, 0.1979, 0.2542

Sweetspot

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



32.9442, 0.4050, 0.3035



79.0836, 0.3316, 0.3219



32.7779, 0.2953, 0.2126



16.2464, 0.3354, 0.3206



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.



32.9442, 0.4050, 0.3035



36.1675, 0.4374, 0.2989



40.0851, 0.4167, 0.3609



13.7491, 0.3258, 0.3239



9.3661, 0.6019, 0.3089



0.6625, 0.5588, 0.2852

Inverse Universe

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



32.9442, 0.4050, 0.3035



36.1675, 0.4374, 0.2989



50.7259, 0.2466, 0.2935



13.7491, 0.3258, 0.3239



9.3661, 0.6019, 0.3089



0.6625, 0.5588, 0.2852

Previews

White Background



This preview shows how the Yxy color 32.9426, 0.4050, 0.3035 looks on a white background.

Color Contrast Check

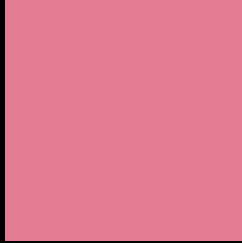
Large Text (above 18pt) WCAG AA × Fail

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 32.9426, 0.4050, 0.3035 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 32.9426, 0.4050, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 32.9426, 0.4050, 0.3035.



This preview shows how white text looks on a background with the Yxy color 32.9426, 0.4050, 0.3035.

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

32.9426, 0.4050, 0.3035

Protanopia

33.1909, 0.3056, 0.3156

Deuteranopia

33.0260, 0.3468, 0.3392



Tritanopia

32.9639, 0.4165, 0.3187

Trichromacy



Original Color

32.9426, 0.4050, 0.3035

Protanomaly

32.2389, 0.3380, 0.3095

Deuteranomaly

32.5327, 0.3678, 0.3251

Tritanomaly

32.8227, 0.4121, 0.3128

Monochromacy



Original Color

32.9426, 0.4050, 0.3035

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

32.9581, 0.3438, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9426, 0.4050, 0.3035 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(226, 125, 147)` looks like.

```
.text, #text, p{  
    color:rgb(226, 125, 147)  
}
```

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(226, 125, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 125, 147) }
```

Border

The CSS property to change the border of an element to Yxy 32.9426, 0.4050, 0.3035 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(226, 125, 147) }
```

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

```
.border{ border-color:rgb(226, 125, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 125, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 125, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 125, 147);  
box-shadow:4px 4px 4px 4px rgb(226, 125,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9426, 0.4050, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 125, 147) }
```

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

```
.background{ background-color: rgb(226,  
125, 147) }
```

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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