

Converting Colors

$Y_{xy}(32.1979, 0.4000, 0.3136)$

Have a look what the booklet for
Yxy(32.1979, 0.4000, 0.3136)
contains.

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Color

Yxy(32.2225, 0.3999, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	D8818D
RGB	216, 129, 141
RGB Percent	85%, 51%, 55%
CMY	0.1530, 0.4940, 0.4470
CMYK	0.00, 0.40, 0.35, 0.15
HSL	352°, 53%, 68%
HSV	352°, 40%, 85%
XYZ	40.9723, 32.2225, 29.2615
YIQ	156.3810, 48.0000, 22.1760

Conversions

Conversions Part 2

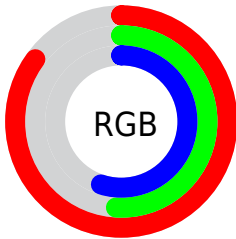
Format	Color
RYB	216, 129, 141
Decimal	14188941
CIELab	63.53, 34.92, 8.05
CIElCh	64, 35.836, 12.980
Yxy	32.2225, 0.3999, 0.3145
Android (android.graphics.Color)	4292379021 (0xFFD8818D)
YUV	156.3810, -7.5828, 52.2859
Hunter-Lab	56.7649, 29.5009, 9.1722

Details

The Yxy color **32.2225, 0.3999, 0.3145** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.1279, 0.2639, 0.3447**, and the grayscale version is **33.4448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.0671, 0.3647, 0.3167**, and **13.5750, 0.4297, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **26.6135, 0.4346, 0.3113**, and if you desaturate by 10%, it is **39.1303, 0.3710, 0.3181**.

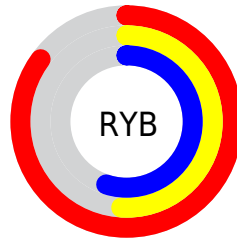
Distribution



Red (85%)

Green (51%)

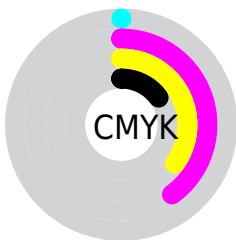
Blue (55%)



Red (85%)

Yellow (51%)

Blue (55%)

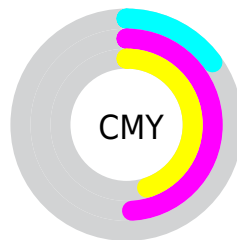


Cyan (0%)

Magenta (40%)

Yellow (35%)

Black (15%)



Cyan (15%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2225, 0.3999, 0.3145 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 32.2225, 0.3999, 0.3145 by changing the saturation by 10% instead.


 32.2225, 0.3999,
0.3145


 32.2225, 0.3999,
0.3145


312.1316, 0.3533,
0.3231


 21.5315, 0.4125,
0.3118


 63.1597, 0.3822,
0.3180

 13.5131, 0.4294,
0.3081


 84.1748, 0.3758,
0.3192

 7.7828, 0.4529,
0.3024


 109.3999, 0.3705,
0.3202

 3.9563, 0.4877,
0.2933

139.2196, 0.3660,
0.3210

 1.6491, 0.5439,
0.2765

174.0182, 0.3621,
0.3216

 0.3904, 0.7669,
0.2331

214.1802, 0.3588,

 0.0000, 1.0000,

0.3222

0.0000

260.0898, 0.3559,
0.3227

■ 0.0000, 0.0000,
0.0000

■ 32.2225, 0.3999,
0.3145

■ 32.2225, 0.3999,
0.3145

■ 26.6135, 0.4346,
0.3113

■ 39.1303, 0.3710,
0.3181

■ 22.2175, 0.4747,
0.3092

■ 47.4062, 0.3474,
0.3219

■ 18.9459, 0.5184,
0.3088


■ 57.1203, 0.3284,
0.3255


■ 16.6959, 0.5614,
0.3108


■ 68.3364, 0.3131,
0.3289

■ 15.3455, 0.5981,
0.3153

■ 81.1146, 0.3007,
0.3320

 14.6881, 0.6236,
0.3209

 93.1901, 0.2906,
0.3312

 93.3355, 0.2894,
0.3289

Harmonies

Analogous

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



32.2225, 0.3491, 0.2760



32.2225, 0.3999, 0.3145



32.2225, 0.4250, 0.3584

Triad

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



32.2225, 0.3999, 0.3145



32.2225, 0.3257, 0.4278



32.2225, 0.2169, 0.2505

Complementary

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



32.2225, 0.3999, 0.3145



58.1279, 0.2639, 0.3447

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.



32.2225, 0.2121, 0.2833



32.2225, 0.3999, 0.3145



32.2225, 0.2717, 0.3921

Square

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



32.2225, 0.3999, 0.3145



32.2225, 0.3789, 0.4281



32.2225, 0.2310, 0.3355



32.2225, 0.2444, 0.2398

Rectangle

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



32.2225, 0.3999, 0.3145



32.2225, 0.4228, 0.3870



32.2225, 0.2310, 0.3355



32.2225, 0.2127, 0.2590

Sweetspot

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



32.2241, 0.3999, 0.3145



80.4224, 0.3316, 0.3249



33.3492, 0.3047, 0.2265



16.7993, 0.3340, 0.3244



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.



32.2241, 0.3999, 0.3145



40.1108, 0.4279, 0.3119



41.1337, 0.3987, 0.3665



12.4484, 0.3270, 0.3258



8.7052, 0.6209, 0.3194



0.5343, 0.5806, 0.2972

Inverse Universe

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



32.2241, 0.3999, 0.3145



40.1108, 0.4279, 0.3119



44.5503, 0.2511, 0.2875



12.4484, 0.3270, 0.3258



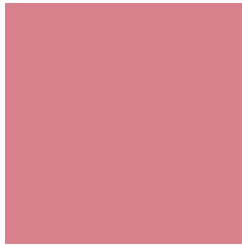
8.7052, 0.6209, 0.3194



0.5343, 0.5806, 0.2972

Previews

White Background



This preview shows how the Yxy color 32.2225, 0.3999, 0.3145 looks on a white background.

Color Contrast Check

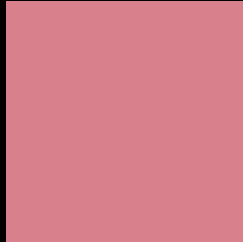
Large Text (above 18pt) WCAG AA × Fail

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 32.2225, 0.3999, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

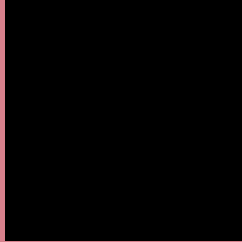
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2225, 0.3999, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 32.2225, 0.3999, 0.3145.

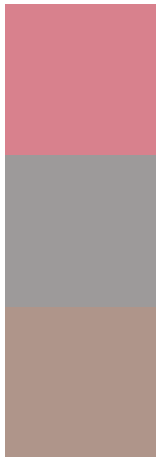


This preview shows how white text looks on a background with the Yxy color 32.2225, 0.3999, 0.3145.

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

32.2225, 0.3999, 0.3145

Protanopia

32.6124, 0.3157, 0.3290

Deuteranopia

32.4438, 0.3511, 0.3451



Tritanopia

32.1635, 0.4024, 0.3170

Trichromacy



Original Color

32.2225, 0.3999, 0.3145

Protanomaly

31.8857, 0.3439, 0.3234

Deuteranomaly

32.1572, 0.3686, 0.3333

Tritanomaly

32.1929, 0.4011, 0.3157

Monochromacy



Original Color

32.2225, 0.3999, 0.3145

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.2571, 0.3416, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2225, 0.3999, 0.3145 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(216, 129, 141)` looks like.

```
.text, #text, p{  
    color:rgb(216, 129, 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(216, 129, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 129, 141) }
```

Border

The CSS property to change the border of an element to Yxy 32.2225, 0.3999, 0.3145 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(216, 129, 141) }
```

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

```
.border{ border-color:rgb(216, 129, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 129, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 129, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 129, 141);  
box-shadow:4px 4px 4px 4px rgb(216, 129,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2225, 0.3999, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 129, 141) }
```

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

```
.background{ background-color: rgb(216,  
129, 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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