

Converting Colors

$Y_{xy}(32.6788, 0.4132, 0.3174)$

Have a look what the booklet for
Yxy(32.6788, 0.4132, 0.3174)
contains.

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Color

Yxy(32.6729, 0.4132, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	DF7F89
RGB	223, 127, 137
RGB Percent	87%, 50%, 54%
CMY	0.1255, 0.5019, 0.4627
CMYK	0.00, 0.43, 0.39, 0.13
HSL	354°, 60%, 69%
HSV	354°, 43%, 87%
XYZ	42.5345, 32.6729, 27.7318
YIQ	156.8440, 54.0060, 23.4620

Conversions

Conversions Part 2

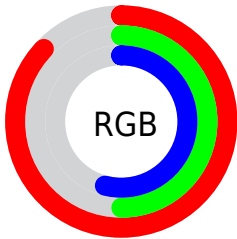
Format	Color
R _Y B	223, 127, 137
Decimal	14647177
CIE Lab	63.90, 38.07, 10.97
CIE LCh	64, 39.621, 16.081
Yxy	32.6729, 0.4132, 0.3174
Android (android.graphics.Color)	4292837257 (0xFFDF7F89)
YUV	156.8440, -9.7831, 58.0188
Hunter-Lab	57.1602, 32.7963, 11.2470

Details

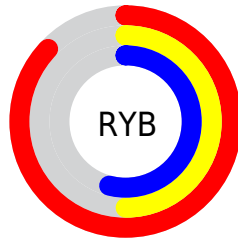
The Yxy color **32.6729, 0.4132, 0.3174** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.0883, 0.2595, 0.3417**, and the grayscale version is **33.6711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0255, 0.3695, 0.3198**, and **13.7196, 0.4480, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **27.0162, 0.4512, 0.3153**, and if you desaturate by 10%, it is **39.7136, 0.3813, 0.3201**.

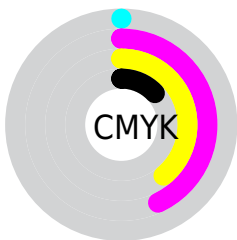
Distribution



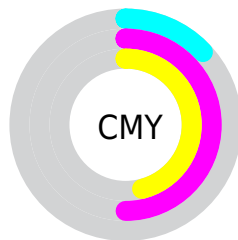
- Red (87%)
- Green (50%)
- Blue (54%)



- Red (87%)
- Yellow (50%)
- Blue (54%)



- Cyan (0%)
- Magenta (43%)
- Yellow (39%)
- Black (13%)




- Cyan (13%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.6729, 0.4132, 0.3174 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 32.6729, 0.4132, 0.3174 by changing the saturation by 10% instead.

 32.6729, 0.4132,
0.3174


 32.6729, 0.4132,
0.3174

314.1732, 0.3596,
0.3249

 21.8760, 0.4277,
0.3149


 63.8645, 0.3929,
0.3206

 13.7658, 0.4469,
0.3112


 85.0280, 0.3855,
0.3217

 7.9580, 0.4735,
0.3055


 110.4158, 0.3794,
0.3225

 4.0681, 0.5126,
0.2960

140.4123, 0.3742,
0.3232

 1.7117, 0.5745,
0.2780

175.4019, 0.3697,
0.3237

 0.4312, 0.7700,
0.2300

215.7690, 0.3659,


 0.0000, 1.0000,

0.3242


0.0000


261.8980, 0.3625,
0.3246

 0.0000, 0.0000,
0.0000


 32.6729, 0.4132,
0.3174


 32.6729, 0.4132,
0.3174


 27.0162, 0.4512,
0.3153

 39.7136, 0.3813,
0.3201


 22.6477, 0.4943,
0.3141


 48.2160, 0.3552,
0.3229

 19.4671, 0.5395,
0.3145

 58.2580, 0.3341,
0.3256


 17.3574, 0.5817,
0.3169

 69.9104, 0.3172,
0.3282

 16.1774, 0.6143,
0.3212

 83.2397, 0.3036,
0.3307

 15.7495, 0.6295,
0.3242

 94.4268, 0.2935,
0.3289

Harmonies

Analogous

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



32.6729, 0.3591, 0.2750



32.6729, 0.4132, 0.3174



32.6729, 0.4369, 0.3651

Triad

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



32.6729, 0.4132, 0.3174



32.6729, 0.3199, 0.4364



32.6729, 0.2104, 0.2408

Complementary

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



32.6729, 0.4132, 0.3174



62.0883, 0.2595, 0.3417

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.



32.6729, 0.2026, 0.2735



32.6729, 0.4132, 0.3174



32.6729, 0.2619, 0.3930

Square

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



32.6729, 0.4132, 0.3174



32.6729, 0.3791, 0.4396



32.6729, 0.2201, 0.3290



32.6729, 0.2424, 0.2321

Rectangle

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



32.6729, 0.4132, 0.3174



32.6729, 0.4315, 0.3959



32.6729, 0.2201, 0.3290



32.6729, 0.2050, 0.2490

Sweetspot

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



32.6745, 0.4132, 0.3174



78.8756, 0.3342, 0.3256



34.4754, 0.3069, 0.2204



16.1957, 0.3385, 0.3250



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.



32.6745, 0.4132, 0.3174



37.0608, 0.4485, 0.3154



43.7001, 0.4052, 0.3728



13.7236, 0.3276, 0.3266



9.2690, 0.6274, 0.3230



0.6504, 0.5975, 0.3065

Inverse Universe

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



32.6745, 0.4132, 0.3174



37.0608, 0.4485, 0.3154



45.0421, 0.2462, 0.2795



13.7236, 0.3276, 0.3266



9.2690, 0.6274, 0.3230



0.6504, 0.5975, 0.3065

Previews

White Background



This preview shows how the Yxy color 32.6729, 0.4132, 0.3174 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 32.6729, 0.4132, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

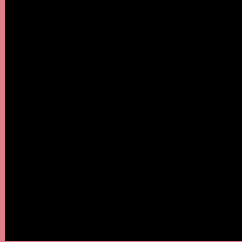
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6729, 0.4132, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 32.6729, 0.4132, 0.3174.



This preview shows how white text looks on a background with the Yxy color 32.6729, 0.4132, 0.3174.

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

32.6729, 0.4132, 0.3174

Protanopia

33.0806, 0.3195, 0.3335

Deuteranopia

32.6533, 0.3596, 0.3521



Tritanopia

32.6443, 0.4144, 0.3186

Trichromacy



Original Color

32.6729, 0.4132, 0.3174

Protanomaly

32.3025, 0.3503, 0.3263

Deuteranomaly

32.2403, 0.3790, 0.3387

Tritanomaly

32.6443, 0.4144, 0.3186

Monochromacy



Original Color

32.6729, 0.4132, 0.3174

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.5835, 0.3459, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6729, 0.4132, 0.3174 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(223, 127, 137)` looks like.

```
.text, #text, p{  
    color:rgb(223, 127, 137)  
}
```

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(223, 127, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 127, 137) }
```

Border

The CSS property to change the border of an element to Yxy 32.6729, 0.4132, 0.3174 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(223, 127, 137) }
```

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

```
.border{ border-color:rgb(223, 127, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 127, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 127, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 127, 137);  
box-shadow:4px 4px 4px 4px rgb(223, 127,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6729, 0.4132, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 127, 137) }
```

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

```
.background{ background-color: rgb(223,  
127, 137) }
```

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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