

Converting Colors

$Y_{xy}(32.7049, 0.4072, 0.3056)$

Have a look what the booklet for
Yxy(32.7049, 0.4072, 0.3056)
contains.

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Color

Yxy(32.7191, 0.4064, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	E17D91
RGB	225, 125, 145
RGB Percent	88%, 49%, 57%
CMY	0.1176, 0.5098, 0.4313
CMYK	0.00, 0.44, 0.36, 0.12
HSL	348°, 63%, 69%
HSV	348°, 44%, 88%
XYZ	43.4970, 32.7191, 30.8140
YIQ	157.1800, 53.1800, 27.4200

Conversions

Conversions Part 2

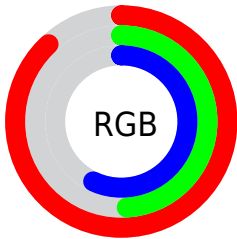
Format	Color
R _Y B	225, 125, 145
Decimal	14777745
CIE Lab	63.93, 40.77, 6.51
CIE LCh	64, 41.288, 9.067
Yxy	32.7191, 0.4064, 0.3057
Android (android.graphics.Color)	4292967825 (0xFFE17D91)
YUV	157.1800, -6.0047, 59.4781
Hunter-Lab	57.2006, 35.6356, 8.1009

Details

The Yxy color **32.7191, 0.4064, 0.3057** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.6202, 0.2630, 0.3549**, and the grayscale version is **33.8129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6237, 0.3621, 0.3083**, and **13.8068, 0.4374, 0.2962** is the 20% darker color. If you saturate the color by 10%, you get **27.1425, 0.4407, 0.3014**, and if you desaturate by 10%, it is **39.6771, 0.3775, 0.3109**.

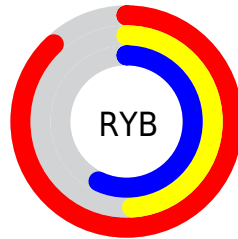
Distribution



Red (88%)

Green (49%)

Blue (57%)



Red (88%)

Yellow (49%)

Blue (57%)

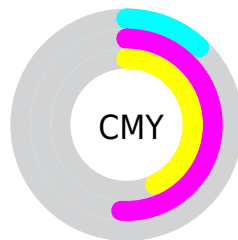


Cyan (0%)

Magenta (44%)

Yellow (36%)

Black (12%)



Cyan (12%)


Magenta (51%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7191, 0.4064, 0.3057 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 32.7191, 0.4064, 0.3057 by changing the saturation by 10% instead.


 32.7191, 0.4064,
0.3057


 32.7191, 0.4064,
0.3057


314.3821, 0.3566,
0.3189


 21.9113, 0.4198,
0.3019


 63.9367, 0.3876,
0.3109

 13.7918, 0.4376,
0.2966


 85.1154, 0.3807,
0.3127

 7.9760, 0.4623,
0.2891


 110.5198, 0.3750,
0.3142

 4.0796, 0.4986,
0.2772

140.5344, 0.3702,
0.3154

 1.7182, 0.5565,
0.2569

175.5435, 0.3660,
0.3165

 0.4354, 0.7728,
0.2176

215.9316, 0.3625,

 0.0000, 1.0000,

0.3174

0.0000

262.0830, 0.3593,
0.3182

0.0000, 0.0000,
0.0000

32.7191, 0.4064,
0.3057

32.7191, 0.4064,
0.3057

27.1425, 0.4407,
0.3014

39.6771, 0.3775,
0.3109

22.8501, 0.4796,
0.2988

48.0955, 0.3537,
0.3163

19.7398, 0.5211,
0.2988


58.0530, 0.3343,
0.3217


17.6915, 0.5613,
0.3022

69.6213, 0.3187,
0.3268

16.5593, 0.5951,
0.3091

82.8677, 0.3060,
0.3316

 16.1977, 0.6101,
0.3135

 94.6202, 0.2957,
0.3310

 94.7481, 0.2946,
0.3289

Harmonies

Analogous

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



32.7191, 0.3453, 0.2643



32.7191, 0.4064, 0.3057



32.7191, 0.4398, 0.3543

Triad

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



32.7191, 0.4064, 0.3057



32.7191, 0.3348, 0.4458



32.7191, 0.2025, 0.2430

Complementary

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



32.7191, 0.4064, 0.3057



62.6202, 0.2630, 0.3549

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.



32.7191, 0.2004, 0.2826



32.7191, 0.4064, 0.3057



32.7191, 0.2727, 0.4097

Square

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



32.7191, 0.4064, 0.3057



32.7191, 0.3941, 0.4390



32.7191, 0.2245, 0.3446



32.7191, 0.2298, 0.2286

Rectangle

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



32.7191, 0.4064, 0.3057



32.7191, 0.4401, 0.3870



32.7191, 0.2245, 0.3446



32.7191, 0.1989, 0.2533

Sweetspot

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



32.7207, 0.4064, 0.3057



79.0511, 0.3320, 0.3224



32.8483, 0.2970, 0.2138



16.2385, 0.3358, 0.3213



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.



32.7207, 0.4064, 0.3057



36.7599, 0.4367, 0.3018



40.3817, 0.4149, 0.3627



13.7451, 0.3261, 0.3243



9.3468, 0.6067, 0.3116



0.6606, 0.5644, 0.2883

Inverse Universe

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



32.7207, 0.4064, 0.3057



36.7599, 0.4367, 0.3018



49.5795, 0.2465, 0.2914



13.7451, 0.3261, 0.3243



9.3468, 0.6067, 0.3116



0.6606, 0.5644, 0.2883

Previews

White Background



This preview shows how the Yxy color 32.7191, 0.4064, 0.3057 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 32.7191, 0.4064, 0.3057 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 32.7191, 0.4064, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 32.7191, 0.4064, 0.3057.



This preview shows how white text looks on a background with the Yxy color 32.7191, 0.4064, 0.3057.

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

32.7191, 0.4064, 0.3057

Protanopia

32.7878, 0.3074, 0.3171

Deuteranopia

32.9659, 0.3488, 0.3421



Tritanopia

32.8036, 0.4155, 0.3186

Trichromacy



Original Color

32.7191, 0.4064, 0.3057

Protanomaly

31.8690, 0.3402, 0.3109

Deuteranomaly

32.4721, 0.3701, 0.3278

Tritanomaly

32.6331, 0.4123, 0.3139

Monochromacy



Original Color

32.7191, 0.4064, 0.3057

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.4958, 0.3440, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7191, 0.4064, 0.3057 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(225, 125, 145)` looks like.

```
.text, #text, p{  
    color:rgb(225, 125, 145)  
}
```

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(225, 125, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 125, 145) }
```

Border

The CSS property to change the border of an element to Yxy 32.7191, 0.4064, 0.3057 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(225, 125, 145) }
```

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

```
.border{ border-color:rgb(225, 125, 145) }
```

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

Here you see how a box with a 4 pixel rgb(225, 125, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 125, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 125, 145);  
box-shadow:4px 4px 4px 4px rgb(225, 125,  
145) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.7191, 0.4064, 0.3057$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 125, 145) }
```

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

```
.background{ background-color: rgb(225,  
125, 145) }
```

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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