

Converting Colors

$Y_{xy}(32.0142, 0.4122, 0.3318)$

Have a look what the booklet for
Yxy(32.0142, 0.4122, 0.3318)
contains.

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Color

Yxy(32.1137, 0.4113, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	D68381
RGB	214, 131, 129
RGB Percent	84%, 51%, 51%
CMY	0.1608, 0.4862, 0.4942
CMYK	0.00, 0.39, 0.40, 0.16
HSL	1°, 51%, 67%
HSV	1°, 40%, 84%
XYZ	39.8082, 32.1137, 24.8644
YIQ	155.5890, 50.1100, 16.9740

Conversions

Conversions Part 2

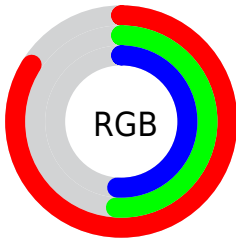
Format	Color
R _Y B	214, 131, 129
Decimal	14058369
CIE Lab	63.44, 31.69, 14.71
CIE LCh	63, 34.944, 24.902
Yxy	32.1137, 0.4113, 0.3318
Android (android.graphics.Color)	4292248449 (0xFFD68381)
YUV	155.5890, -13.1084, 51.2264
Hunter-Lab	56.6690, 26.2201, 13.6538

Details

The Yxy color **32.1137, 0.4113, 0.3318** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.5928, 0.2578, 0.3262**, and the grayscale version is **33.0966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3353, 0.3754, 0.3323**, and **13.4846, 0.4451, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **26.5471, 0.4509, 0.3325**, and if you desaturate by 10%, it is **38.9339, 0.3782, 0.3311**.

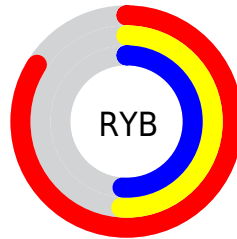
Distribution



Red (84%)

Green (51%)

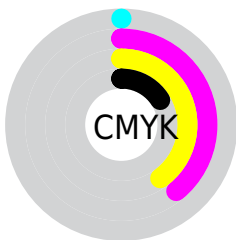
Blue (51%)



Red (84%)

Yellow (51%)

Blue (51%)

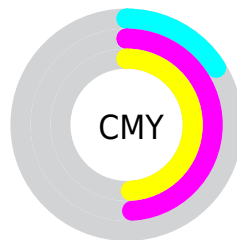


Cyan (0%)

Magenta (39%)

Yellow (40%)

Black (16%)



Cyan (16%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1137, 0.4113, 0.3318 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 32.1137, 0.4113, 0.3318 by changing the saturation by 10% instead.

 32.1137, 0.4113,
0.3318


 32.1137, 0.4113,
0.3318


311.6369, 0.3584,
0.3320


 21.4484, 0.4256,
0.3311


 62.9893, 0.3912,
0.3323

 13.4521, 0.4447,
0.3297


 83.9683, 0.3840,
0.3324

 7.7406, 0.4712,
0.3271


 109.1541, 0.3779,
0.3324

 3.9294, 0.5102,
0.3214

138.9309, 0.3728,
0.3323

 1.6342, 0.5768,
0.3108

173.6832, 0.3684,
0.3322

 0.3805, 0.7547,
0.2453

213.7953, 0.3647,


 0.0000, 1.0000,


0.3322

0.0000


259.6518, 0.3613,
0.3321


 0.0000, 0.0000,
0.0000


 32.1137, 0.4113,
0.3318

 32.1137, 0.4113,
0.3318


 26.5471, 0.4509,
0.3325


 38.9339, 0.3782,
0.3311


 22.1534, 0.4961,
0.3329


 47.0724, 0.3513,
0.3303


 18.8500, 0.5435,
0.3330

 56.5952, 0.3296,
0.3296

 16.5418, 0.5874,
0.3327

 67.5625, 0.3123,
0.3290

 15.1170, 0.6202,
0.3318

 80.0310, 0.2984,
0.3284

■ 14.4196, 0.6382,
0.3311

■ 93.0352, 0.2883,
0.3289

■ 14.4058, 0.6386,
0.3311

Harmonies

Analogous

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



32.1137, 0.3699, 0.2911



32.1137, 0.4113, 0.3318



32.1137, 0.4228, 0.3749

Triad

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



32.1137, 0.4113, 0.3318



32.1137, 0.3038, 0.4152



32.1137, 0.2271, 0.2455

Complementary

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



32.1137, 0.4113, 0.3318



56.5928, 0.2578, 0.3262

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.



32.1137, 0.2134, 0.2691



32.1137, 0.4113, 0.3318



32.1137, 0.2547, 0.3696

Square

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



32.1137, 0.4113, 0.3318



32.1137, 0.3580, 0.4296



32.1137, 0.2227, 0.3136



32.1137, 0.2623, 0.2432

Rectangle

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



32.1137, 0.4113, 0.3318



32.1137, 0.4122, 0.4009



32.1137, 0.2227, 0.3136



32.1137, 0.2200, 0.2510

Sweetspot

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



32.1153, 0.4113, 0.3318



80.5835, 0.3344, 0.3298



34.7749, 0.3186, 0.2331



16.8367, 0.3371, 0.3299



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.



32.1153, 0.4113, 0.3318



40.4141, 0.4456, 0.3324



45.7314, 0.3902, 0.3827



12.4677, 0.3291, 0.3296



8.7294, 0.6382, 0.3315



0.5436, 0.6322, 0.3362

Inverse Universe

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



56.5928, 0.2578, 0.3262



81.8489, 0.2485, 0.3255



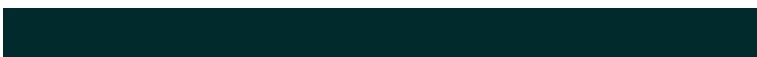
38.2979, 0.2488, 0.2678



14.0548, 0.2983, 0.3284



30.4924, 0.2227, 0.3215



1.8556, 0.2230, 0.3229

Previews

White Background



This preview shows how the Yxy color 32.1137, 0.4113, 0.3318 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 32.1137, 0.4113, 0.3318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

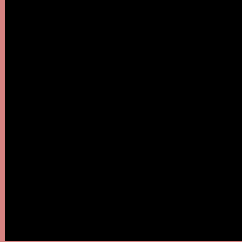
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1137, 0.4113, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 32.1137, 0.4113, 0.3318.



This preview shows how white text looks on a background with the Yxy color 32.1137, 0.4113, 0.3318.

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

32.1137, 0.4113, 0.3318

Protanopia

32.4782, 0.3320, 0.3503

Deuteranopia

32.2699, 0.3683, 0.3608



Tritanopia

32.0117, 0.4013, 0.3169

Trichromacy



Original Color

32.1137, 0.4113, 0.3318

Protanomaly

32.0386, 0.3596, 0.3434

Deuteranomaly

32.0848, 0.3841, 0.3497

Tritanomaly

32.1616, 0.4057, 0.3231

Monochromacy



Original Color

32.1137, 0.4113, 0.3318

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.2899, 0.3455, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1137, 0.4113, 0.3318 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(214, 131, 129)` looks like.

```
.text, #text, p{  
    color:rgb(214, 131, 129)  
}
```

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(214, 131, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 131, 129) }
```

Border

The CSS property to change the border of an element to Yxy 32.1137, 0.4113, 0.3318 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(214, 131, 129) }
```

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

```
.border{ border-color:rgb(214, 131, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 131, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 131, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 131, 129);  
box-shadow:4px 4px 4px 4px rgb(214, 131,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1137, 0.4113, 0.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 131, 129) }
```

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

```
.background{ background-color: rgb(214,  
131, 129) }
```

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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