

Converting Colors

$Y_{xy}(32.2473, 0.4020, 0.3194)$

Have a look what the booklet for
Yxy(32.2473, 0.4020, 0.3194)
contains.

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Color

Yxy(32.2473, 0.4020, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	D7828A
RGB	215, 130, 138
RGB Percent	84%, 51%, 54%
CMY	0.1570, 0.4901, 0.4588
CMYK	0.00, 0.40, 0.36, 0.16
HSL	354°, 51%, 68%
HSV	354°, 40%, 84%
XYZ	40.5868, 32.2473, 28.1280
YIQ	156.3270, 48.0920, 20.5080

Conversions

Conversions Part 2

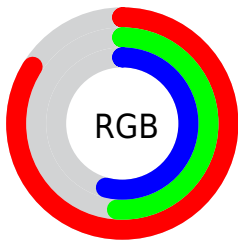
Format	Color
R _Y B	215, 130, 138
Decimal	14123658
CIE Lab	63.55, 33.64, 9.77
CIE LCh	64, 35.034, 16.198
Yxy	32.2473, 0.4020, 0.3194
Android (android.graphics.Color)	4292313738 (0xFFD7828A)
YUV	156.3270, -9.0352, 51.4562
Hunter-Lab	56.7867, 28.2013, 10.3827

Details

The Yxy color **32.2473, 0.4020, 0.3194** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.8364, 0.2626, 0.3393**, and the grayscale version is **33.4259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3026, 0.3679, 0.3219**, and **13.5656, 0.4330, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **26.5993, 0.4382, 0.3173**, and if you desaturate by 10%, it is **39.1942, 0.3719, 0.3219**.

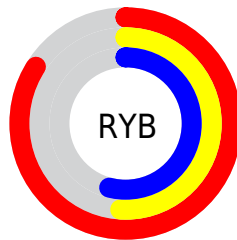
Distribution



Red (84%)

Green (51%)

Blue (54%)



Red (84%)

Yellow (51%)

Blue (54%)

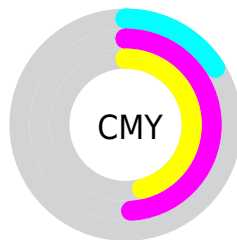


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (16%)



Cyan (16%)


Magenta (49%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2473, 0.4020, 0.3194 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 32.2473, 0.4020, 0.3194 by changing the saturation by 10% instead.


 32.2473, 0.4020,
0.3194


 32.2473, 0.4020,
0.3194


312.2442, 0.3542,
0.3256

 21.5505, 0.4150,
0.3173


 63.1986, 0.3839,
0.3220

 13.5270, 0.4322,
0.3143


 84.2218, 0.3773,
0.3229

 7.7924, 0.4563,
0.3096


 109.4559, 0.3718,
0.3236

 3.9624, 0.4920,
0.3016

139.2854, 0.3672,
0.3242

 1.6526, 0.5494,
0.2861

174.0946, 0.3633,
0.3246

 0.3926, 0.7604,
0.2396

214.2678, 0.3598,

 0.0000, 1.0000,

0.3250

0.0000

260.1896, 0.3569,
0.3253

0.0000, 0.0000,
0.0000

32.2473, 0.4020,
0.3194

32.2473, 0.4020,
0.3194

26.5993, 0.4382,
0.3173

39.1942, 0.3719,
0.3219

22.1651, 0.4800,
0.3159

47.5088, 0.3475,
0.3244

18.8570, 0.5253,
0.3158

57.2607, 0.3278,
0.3268

16.5733, 0.5693,
0.3173

68.5133, 0.3120,
0.3291

15.1941, 0.6058,
0.3207

81.3263, 0.2993,
0.3312

■ 14.5193, 0.6298,
0.3247

■ 93.1738, 0.2889,
0.3291

■ 14.4931, 0.6307,
0.3248

■ 93.1820, 0.2888,
0.3289

Harmonies

Analogous

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



32.2473, 0.3543, 0.2807



32.2473, 0.4020, 0.3194



32.2473, 0.4231, 0.3626

Triad

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



32.2473, 0.4020, 0.3194



32.2473, 0.3197, 0.4232



32.2473, 0.2207, 0.2500

Complementary

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



32.2473, 0.4020, 0.3194



57.8364, 0.2626, 0.3393

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.



32.2473, 0.2136, 0.2800



32.2473, 0.4020, 0.3194



32.2473, 0.2676, 0.3852

Square

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



32.2473, 0.4020, 0.3194



32.2473, 0.3725, 0.4274



32.2473, 0.2297, 0.3294



32.2473, 0.2500, 0.2417

Rectangle

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



32.2473, 0.4020, 0.3194



32.2473, 0.4187, 0.3902



32.2473, 0.2297, 0.3294



32.2473, 0.2158, 0.2576

Sweetspot

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



32.2489, 0.4020, 0.3194



80.3476, 0.3325, 0.3262



34.0661, 0.3090, 0.2297



16.7819, 0.3350, 0.3259



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.



32.2489, 0.4020, 0.3194



40.7175, 0.4302, 0.3177



42.6059, 0.3945, 0.3708



12.4395, 0.3276, 0.3268



8.6786, 0.6287, 0.3237



0.5301, 0.5979, 0.3068

Inverse Universe

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



32.2489, 0.4020, 0.3194



40.7175, 0.4302, 0.3177



42.6961, 0.2513, 0.2824



12.4395, 0.3276, 0.3268



8.6786, 0.6287, 0.3237



0.5301, 0.5979, 0.3068

Previews

White Background



This preview shows how the Yxy color 32.2473, 0.4020, 0.3194 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 32.2473, 0.4020, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

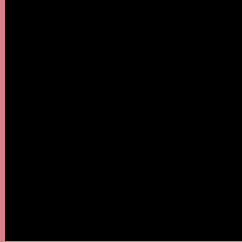
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2473, 0.4020, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 32.2473, 0.4020, 0.3194.



This preview shows how white text looks on a background with the Yxy color 32.2473, 0.4020, 0.3194.

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

32.2473, 0.4020, 0.3194

Protanopia

32.6147, 0.3195, 0.3335

Deuteranopia

32.4743, 0.3553, 0.3494



Tritanopia

32.2764, 0.4008, 0.3181

Trichromacy



Original Color

32.2473, 0.4020, 0.3194

Protanomaly

31.9098, 0.3482, 0.3277

Deuteranomaly

32.0707, 0.3720, 0.3374

Tritanomaly

32.2764, 0.4008, 0.3181

Monochromacy



Original Color

32.2473, 0.4020, 0.3194

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.3845, 0.3424, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2473, 0.4020, 0.3194 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(215, 130, 138)` looks like.

```
.text, #text, p{  
    color:rgb(215, 130, 138)  
}
```

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(215, 130, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 130, 138) }
```

Border

The CSS property to change the border of an element to Yxy 32.2473, 0.4020, 0.3194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

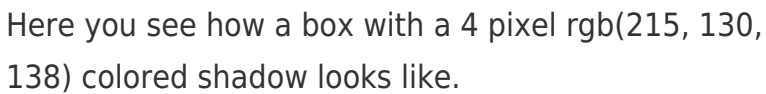
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 130, 138) }
```

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

```
.border{ border-color:rgb(215, 130, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 130, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 130, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 130, 138); box-shadow:4px 4px 4px 4px rgb(215, 130, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2473, 0.4020, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 130, 138) }
```

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

```
.background{ background-color: rgb(215,  
130, 138) }
```

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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