

Converting Colors

$Y_{xy}(32.6496, 0.4094, 0.3173)$

Have a look what the booklet for
Yxy(32.6496, 0.4094, 0.3173)
contains.

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Color

Yxy(32.6455, 0.4094, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	DD808A
RGB	221, 128, 138
RGB Percent	87%, 50%, 54%
CMY	0.1334, 0.4980, 0.4589
CMYK	0.00, 0.42, 0.38, 0.13
HSL	354°, 58%, 68%
HSV	354°, 42%, 87%
XYZ	42.1212, 32.6455, 28.1185
YIQ	156.9470, 52.2180, 22.8260

Conversions

Conversions Part 2

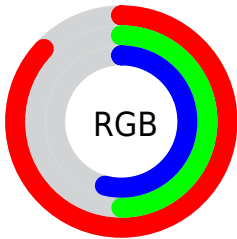
Format	Color
RYB	221, 128, 138
Decimal	14516362
CIELab	63.87, 36.92, 10.35
CIELCh	64, 38.348, 15.657
Yxy	32.6455, 0.4094, 0.3173
Android (android.graphics.Color)	4292706442 (0xFFDD808A)
YUV	156.9470, -9.3409, 56.1745
Hunter-Lab	57.1362, 31.6030, 10.8169

Details

The Yxy color **32.6455, 0.4094, 0.3173** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.0004, 0.2606, 0.3418**, and the grayscale version is **33.7181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4775, 0.3684, 0.3198**, and **13.7989, 0.4418, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **26.9752, 0.4466, 0.3150**, and if you desaturate by 10%, it is **39.6782, 0.3782, 0.3201**.

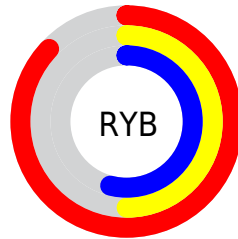
Distribution



Red (87%)

Green (50%)

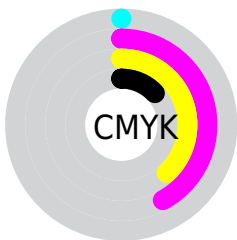
Blue (54%)



Red (87%)

Yellow (50%)

Blue (54%)

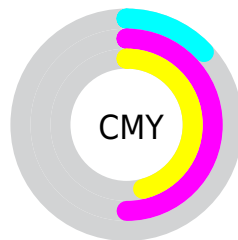


Cyan (0%)

Magenta (42%)

Yellow (38%)

Black (13%)



Cyan (13%)


Magenta (50%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6455, 0.4094, 0.3173 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 32.6455, 0.4094, 0.3173 by changing the saturation by 10% instead.


 32.6455, 0.4094,
0.3173


 32.6455, 0.4094,
0.3173


314.0493, 0.3578,
0.3248

 21.8550, 0.4233,
0.3148


 63.8217, 0.3899,
0.3204

 13.7504, 0.4419,
0.3113


 84.9761, 0.3828,
0.3215

 7.9473, 0.4676,
0.3058


 110.3541, 0.3768,
0.3223

 4.0612, 0.5054,
0.2966

140.3398, 0.3718,
0.3230

 1.7079, 0.5656,
0.2793

175.3179, 0.3676,
0.3236

 0.4287, 0.7656,
0.2344

215.6725, 0.3639,

 0.0000, 1.0000,

0.3240

0.0000

261.7882, 0.3606,
0.3244

0.0000, 0.0000,
0.0000

32.6455, 0.4094,
0.3173

32.6455, 0.4094,
0.3173

26.9752, 0.4466,
0.3150

39.6782, 0.3782,
0.3201

22.5744, 0.4892,
0.3137

48.1485, 0.3527,
0.3230

19.3464, 0.5343,
0.3139

58.1319, 0.3322,
0.3258


17.1787, 0.5770,
0.3161

69.6973, 0.3157,
0.3285

15.9360, 0.6109,
0.3203

82.9093, 0.3024,
0.3309

 15.4347, 0.6290,
0.3239

 94.1100, 0.2923,
0.3289

Harmonies

Analogous

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



32.6455, 0.3568, 0.2760



32.6455, 0.4094, 0.3173



32.6455, 0.4329, 0.3637

Triad

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



32.6455, 0.4094, 0.3173



32.6455, 0.3208, 0.4330



32.6455, 0.2130, 0.2437

Complementary

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



32.6455, 0.4094, 0.3173



61.0004, 0.2606, 0.3418

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.



32.6455, 0.2057, 0.2760



32.6455, 0.4094, 0.3173



32.6455, 0.2643, 0.3916

Square

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



32.6455, 0.4094, 0.3173



32.6455, 0.3781, 0.4359



32.6455, 0.2232, 0.3301



32.6455, 0.2439, 0.2348

Rectangle

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



32.6455, 0.4094, 0.3173



32.6455, 0.4281, 0.3937



32.6455, 0.2232, 0.3301



32.6455, 0.2079, 0.2518

Sweetspot

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



32.6471, 0.4094, 0.3173



78.8812, 0.3341, 0.3255



34.3846, 0.3071, 0.2228



16.1971, 0.3384, 0.3249



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.



32.6471, 0.4094, 0.3173



38.4963, 0.4400, 0.3154



43.3566, 0.4024, 0.3718



13.0741, 0.3275, 0.3265



8.9755, 0.6267, 0.3226



0.5893, 0.5945, 0.3049

Inverse Universe

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



32.6471, 0.4094, 0.3173



38.4963, 0.4400, 0.3154



44.6539, 0.2477, 0.2809



13.0741, 0.3275, 0.3265



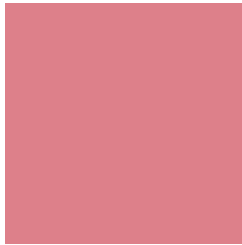
8.9755, 0.6267, 0.3226



0.5893, 0.5945, 0.3049

Previews

White Background



This preview shows how the Yxy color 32.6455, 0.4094, 0.3173 looks on a white background.

Color Contrast Check

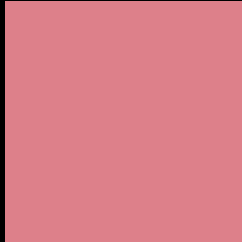
Large Text (above 18pt) WCAG AA × Fail

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 32.6455, 0.4094, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

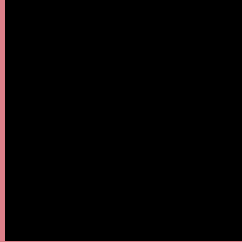
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6455, 0.4094, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 32.6455, 0.4094, 0.3173.



This preview shows how white text looks on a background with the Yxy color 32.6455, 0.4094, 0.3173.

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

32.6455, 0.4094, 0.3173

Protanopia

32.7491, 0.3196, 0.3320

Deuteranopia

32.6811, 0.3585, 0.3507



Tritanopia

32.6455, 0.4094, 0.3173

Trichromacy



Original Color

32.6455, 0.4094, 0.3173

Protanomaly

32.3025, 0.3503, 0.3263

Deuteranomaly

32.2684, 0.3779, 0.3373

Tritanomaly

32.6455, 0.4094, 0.3173

Monochromacy



Original Color

32.6455, 0.4094, 0.3173

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.4631, 0.3448, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6455, 0.4094, 0.3173 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(221, 128, 138)` looks like.

```
.text, #text, p{  
    color:rgb(221, 128, 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(221, 128, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 128, 138) }
```

Border

The CSS property to change the border of an element to Yxy 32.6455, 0.4094, 0.3173 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(221, 128, 138) }
```

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

```
.border{ border-color:rgb(221, 128, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 128, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 128, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 128, 138);  
box-shadow:4px 4px 4px 4px rgb(221, 128,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6455, 0.4094, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 128, 138) }
```

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

```
.background{ background-color: rgb(221,  
128, 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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