

Converting Colors

$Y_{xy}(32.5505, 0.3951, 0.3196)$

Have a look what the booklet for
Yxy(32.5505, 0.3951, 0.3196)
contains.

Yxy(32.6656, 0.3951, 0.3205)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.6656, 0.3951, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	D4858C
RGB	212, 133, 140
RGB Percent	83%, 52%, 55%
CMY	0.1687, 0.4784, 0.4511
CMYK	0.00, 0.37, 0.34, 0.17
HSL	355°, 48%, 68%
HSV	355°, 37%, 83%
XYZ	40.2689, 32.6656, 28.9863
YIQ	157.4190, 44.8370, 18.9250

Conversions

Conversions Part 2

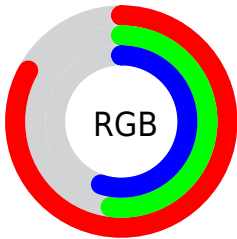
Format	Color
R _Y B	212, 133, 140
Decimal	13927820
CIE Lab	63.89, 31.18, 9.08
CIE LCh	64, 32.477, 16.237
Yxy	32.6656, 0.3951, 0.3205
Android (android.graphics.Color)	4292117900 (0xFFD4858C)
YUV	157.4190, -8.5876, 47.8675
Hunter-Lab	57.1538, 25.7466, 9.9380

Details

The Yxy color **32.6656, 0.3951, 0.3205** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.4776, 0.2648, 0.3381**, and the grayscale version is **33.9406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6509, 0.3654, 0.3229**, and **13.7413, 0.4227, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **26.9149, 0.4301, 0.3184**, and if you desaturate by 10%, it is **39.6909, 0.3662, 0.3228**.

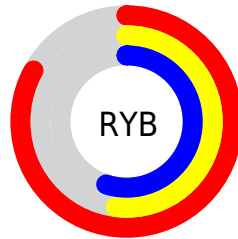
Distribution



Red (83%)

Green (52%)

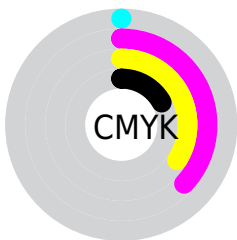
Blue (55%)



Red (83%)

Yellow (52%)

Blue (55%)

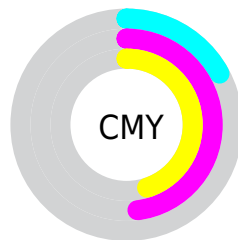


Cyan (0%)

Magenta (37%)

Yellow (34%)

Black (17%)



Cyan (17%)

Magenta (48%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.6656, 0.3951, 0.3205 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 32.6656, 0.3951, 0.3205 by changing the saturation by 10% instead.


 32.6656, 0.3951,
0.3205


 32.6656, 0.3951,
0.3205


314.1402, 0.3511,
0.3260

 21.8704, 0.4070,
0.3187


 63.8531, 0.3784,
0.3228

 13.7617, 0.4229,
0.3160


 85.0142, 0.3724,
0.3236

 7.9551, 0.4451,
0.3119

 110.3993, 0.3673,
0.3242

 4.0662, 0.4779,
0.3050

140.3930, 0.3631,
0.3247

 1.7107, 0.5310,
0.2916

175.3795, 0.3594,
0.3251

 0.4306, 0.7384,
0.2616

215.7433, 0.3563,

 0.0000, 1.0000,

0.3254

0.0000

261.8687, 0.3535,
0.3257

0.0000, 0.0000,
0.0000

32.6656, 0.3951,
0.3205

32.6656, 0.3951,
0.3205

26.9149, 0.4301,
0.3184

39.6909, 0.3662,
0.3228

22.3581, 0.4710,
0.3170

48.0559, 0.3428,
0.3252

18.9123, 0.5159,
0.3166

57.8270, 0.3240,
0.3275

16.4823, 0.5609,
0.3177

69.0646, 0.3089,
0.3296

14.9570, 0.5996,
0.3205

81.8257, 0.2967,
0.3315

■ 14.1877, 0.6261,
0.3245

■ 92.7353, 0.2872,
0.3289

■ 14.0413, 0.6314,
0.3252

Harmonies

Analogous

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



32.6656, 0.3513, 0.2842



32.6656, 0.3951, 0.3205



32.6656, 0.4146, 0.3609

Triad

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



32.6656, 0.3951, 0.3205



32.6656, 0.3195, 0.4154



32.6656, 0.2271, 0.2558

Complementary

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



32.6656, 0.3951, 0.3205



56.4776, 0.2648, 0.3381

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.



32.6656, 0.2205, 0.2840



32.6656, 0.3951, 0.3205



32.6656, 0.2711, 0.3805

Square

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



32.6656, 0.3951, 0.3205



32.6656, 0.3684, 0.4199



32.6656, 0.2357, 0.3296



32.6656, 0.2546, 0.2478

Rectangle

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



32.6656, 0.3951, 0.3205



32.6656, 0.4107, 0.3864



32.6656, 0.2357, 0.3296



32.6656, 0.2225, 0.2630

Sweetspot

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



32.6672, 0.3951, 0.3205



81.8517, 0.3308, 0.3266



34.3821, 0.3093, 0.2353



17.0815, 0.3333, 0.3263



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.



32.6672, 0.3951, 0.3205



42.3034, 0.4234, 0.3188



42.4567, 0.3884, 0.3684



12.4384, 0.3277, 0.3270



8.6758, 0.6295, 0.3241



0.5296, 0.6003, 0.3080

Inverse Universe

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



32.6672, 0.3951, 0.3205



42.3034, 0.4234, 0.3188



42.5443, 0.2548, 0.2855



12.4384, 0.3277, 0.3270



8.6758, 0.6295, 0.3241



0.5296, 0.6003, 0.3080

Previews

White Background



This preview shows how the Yxy color 32.6656, 0.3951, 0.3205 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 32.6656, 0.3951, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

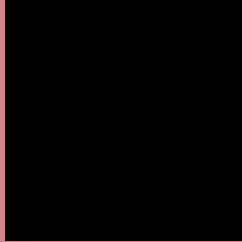
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6656, 0.3951, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 32.6656, 0.3951, 0.3205.



This preview shows how white text looks on a background with the Yxy color 32.6656, 0.3951, 0.3205.

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

32.6656, 0.3951, 0.3205

Protanopia

33.0806, 0.3195, 0.3335

Deuteranopia

32.9659, 0.3540, 0.3478



Tritanopia

32.7553, 0.3916, 0.3167

Trichromacy



Original Color

32.6656, 0.3951, 0.3205

Protanomaly

32.4705, 0.3445, 0.3277

Deuteranomaly

32.7286, 0.3690, 0.3374

Tritanomaly

32.7251, 0.3927, 0.3180

Monochromacy



Original Color

32.6656, 0.3951, 0.3205

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.7613, 0.3401, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6656, 0.3951, 0.3205 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(212, 133, 140)` looks like.

```
.text, #text, p{  
    color:rgb(212, 133, 140)  
}
```

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(212, 133, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 133, 140) }
```

Border

The CSS property to change the border of an element to Yxy 32.6656, 0.3951, 0.3205 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(212, 133, 140) }
```

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

```
.border{ border-color:rgb(212, 133, 140) }
```

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

Here you see how a box with a 4 pixel rgb(212, 133, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 133, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 133, 140);  
box-shadow:4px 4px 4px 4px rgb(212, 133,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6656, 0.3951, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 133, 140) }
```

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

```
.background{ background-color: rgb(212,  
133, 140) }
```

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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