

Converting Colors

$Yxy(36.4820, 0.3820, 0.3292)$

Have a look what the booklet for
Yxy(36.4820, 0.3820, 0.3292)
contains.

Yxy(36.4820, 0.3820, 0.3292)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.4820, 0.3820, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	D39292
RGB	211, 146, 146
RGB Percent	83%, 57%, 57%
CMY	0.1725, 0.4274, 0.4274
CMYK	0.00, 0.31, 0.31, 0.17
HSL	360°, 42%, 70%
HSV	360°, 31%, 83%
XYZ	42.3333, 36.4820, 32.0049
YIQ	165.4350, 38.7400, 13.7800

Conversions

Conversions Part 2

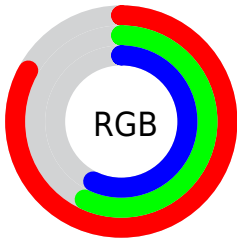
Format	Color
R _Y B	211, 146, 146
Decimal	13865618
CIE Lab	66.89, 24.57, 9.93
CIE LCh	67, 26.503, 22.002
Yxy	36.4820, 0.3820, 0.3292
Android (android.graphics.Color)	4292055698 (0xFFD39292)
YUV	165.4350, -9.5815, 39.9605
Hunter-Lab	60.4003, 19.4063, 10.8637

Details

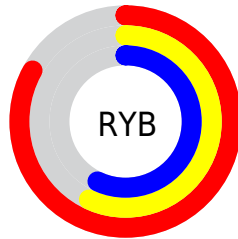
The Yxy color $36.4820, 0.3820, 0.3292$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $57.4082, 0.2687, 0.3289$, and the grayscale version is $37.8807, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.7387, 0.3567, 0.3291$, and $15.9975, 0.4038, 0.3276$ is the 20% darker color. If you saturate the color by 10%, you get $29.9704, 0.4162, 0.3293$, and if you desaturate by 10%, it is $44.3189, 0.3541, 0.3291$.

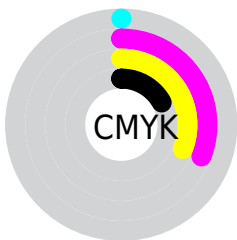
Distribution



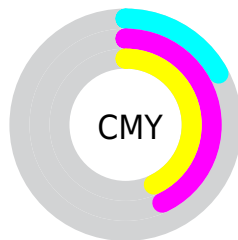
- Red (83%)
- Green (57%)
- Blue (57%)



- Red (83%)
- Yellow (57%)
- Blue (57%)



- Cyan (0%)
- Magenta (31%)
- Yellow (31%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.4820, 0.3820, 0.3292 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 36.4820, 0.3820, 0.3292 by changing the saturation by 10% instead.


 36.4820, 0.3820,
0.3292


 36.4820, 0.3820,
0.3292


331.0624, 0.3456,
0.3299

 24.8067, 0.3917,
0.3287


 69.7754, 0.3684,
0.3297

 15.9331, 0.4044,
0.3279

 92.1622, 0.3634,
0.3298

 9.4768, 0.4219,
0.3265


118.8884, 0.3592,
0.3298

 5.0535, 0.4475,
0.3238

150.3382, 0.3556,
0.3299

 2.2787, 0.4880,
0.3178

186.8961, 0.3526,
0.3299

 0.7624, 0.6130,
0.3285

228.9465, 0.3500,

 0.0000, 1.0000,

0.3299

0.0000

276.8738, 0.3477,
0.3299

■ 0.0000, 0.0000,
0.0000

■ 36.4820, 0.3820,
0.3292

■ 36.4820, 0.3820,
0.3292

■ 29.9704, 0.4162,
0.3293

■ 44.3189, 0.3541,
0.3291

■ 24.7059, 0.4572,
0.3294

■ 53.5431, 0.3318,
0.3291

■ 20.6106, 0.5035,
0.3296

■ 64.2190, 0.3140,
0.3290

■ 17.5953, 0.5514,
0.3297

■ 76.4055, 0.2997,
0.3290

■ 15.5582, 0.5943,
0.3298

■ 90.1581, 0.2883,
0.3289

■ 14.3780, 0.6248,
0.3299

■ 92.5904, 0.2866,
0.3289

■ 13.8504, 0.6401,
0.3300

Harmonies

Analogous

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



36.4820, 0.3508, 0.2984



36.4820, 0.3820, 0.3292



36.4820, 0.3931, 0.3617

Triad

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



36.4820, 0.3820, 0.3292



36.4820, 0.3111, 0.3921



36.4820, 0.2472, 0.2683

Complementary

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



36.4820, 0.3820, 0.3292



57.4082, 0.2687, 0.3289

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.



36.4820, 0.2384, 0.2886



36.4820, 0.3820, 0.3292



36.4820, 0.2736, 0.3620

Square

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



36.4820, 0.3820, 0.3292



36.4820, 0.3505, 0.4013



36.4820, 0.2476, 0.3226



36.4820, 0.2727, 0.2642

Rectangle

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



36.4820, 0.3820, 0.3292



36.4820, 0.3875, 0.3809



36.4820, 0.2476, 0.3226



36.4820, 0.2423, 0.2733

Sweetspot

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



36.4837, 0.3820, 0.3292



84.8304, 0.3285, 0.3290



38.9525, 0.3153, 0.2527



17.6700, 0.3313, 0.3291



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.



36.4837, 0.3820, 0.3292



49.1885, 0.4038, 0.3293



47.5369, 0.3703, 0.3678



11.8083, 0.3291, 0.3290



8.3578, 0.6401, 0.3300



0.4673, 0.6401, 0.3300

Inverse Universe

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



36.4837, 0.3820, 0.3292



49.1885, 0.4038, 0.3293



43.2915, 0.2639, 0.2866



11.8083, 0.3291, 0.3290



8.3578, 0.6401, 0.3300



0.4673, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 36.4820, 0.3820, 0.3292 looks on a white background.

Color Contrast Check

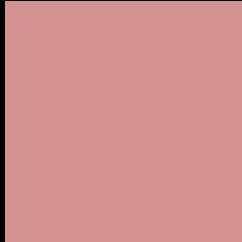
Large Text (above 18pt) WCAG AA × Fail

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 36.4820, 0.3820, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

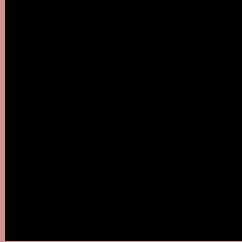
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4820, 0.3820, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 36.4820, 0.3820, 0.3292.



This preview shows how white text looks on a background with the Yxy color 36.4820, 0.3820, 0.3292.

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

36.4820, 0.3820, 0.3292

Protanopia

36.5320, 0.3247, 0.3391

Deuteranopia

36.5667, 0.3543, 0.3470



Tritanopia

36.6481, 0.3725, 0.3155

Trichromacy



Original Color

36.4820, 0.3820, 0.3292

Protanomaly

36.2343, 0.3447, 0.3346

Deuteranomaly

36.4289, 0.3639, 0.3398

Tritanomaly

36.5148, 0.3769, 0.3204

Monochromacy



Original Color

36.4820, 0.3820, 0.3292

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.8674, 0.3364, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4820, 0.3820, 0.3292 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(211, 146, 146)` looks like.

```
.text, #text, p{  
    color:rgb(211, 146, 146)  
}
```

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(211, 146, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 146, 146) }
```

Border

The CSS property to change the border of an element to Yxy 36.4820, 0.3820, 0.3292 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(211, 146, 146) }
```

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

```
.border{ border-color:rgb(211, 146, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 146, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 146, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 146, 146); box-shadow:4px 4px 4px 4px rgb(211, 146, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4820, 0.3820, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 146, 146) }
```

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

```
.background{ background-color: rgb(211,  
146, 146) }
```

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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