

Converting Colors

$Yxy(62.1505, 0.4002, 0.4039)$

Have a look what the booklet for
Yxy(62.1505, 0.4002, 0.4039)
contains.

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Color

Yxy(62.2892, 0.3996, 0.4041)

Conversions

Conversions Part 1

Format	Color
Hex	F2C983
RGB	242, 201, 131
RGB Percent	95%, 79%, 51%
CMY	0.0511, 0.2117, 0.4862
CMYK	0.00, 0.17, 0.46, 0.05
HSL	38°, 81%, 73%
HSV	38°, 46%, 95%
XYZ	61.5956, 62.2892, 30.2583
YIQ	205.2790, 46.9060, -13.0780

Conversions

Conversions Part 2

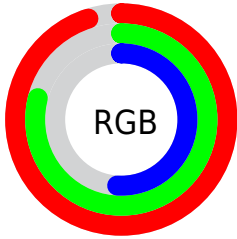
Format	Color
RYB	196, 242, 131
Decimal	15911299
CIELab	83.07, 5.67, 40.29
CIElCh	83, 40.688, 81.984
Yxy	62.2892, 0.3996, 0.4041
Android (android.graphics.Color)	4294101379 (0xFFFF2C983)
YUV	205.2790, -36.6195, 32.2043
Hunter-Lab	78.9235, 1.1935, 32.5154

Details

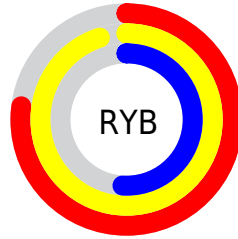
The Yxy color $62.2892, 0.3996, 0.4041$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $40.7355, 0.2353, 0.2388$, and the grayscale version is $61.4541, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2828, 0.3544, 0.3979$, and $31.6370, 0.4202, 0.4201$ is the 20% darker color. If you saturate the color by 10%, you get $57.6658, 0.4220, 0.4187$, and if you desaturate by 10%, it is $67.3139, 0.3779, 0.3879$.

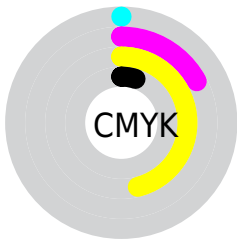
Distribution



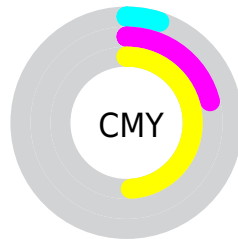
- Red (95%)
- Green (79%)
- Blue (51%)



- Red (77%)
- Yellow (95%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (46%)
- Black (5%)





- Cyan (5%)
- Magenta (21%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2892, 0.3996, 0.4041 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 62.2892, 0.3996, 0.4041 by changing the saturation by 10% instead.

 62.2892, 0.3996,
0.4041

 62.2892, 0.3996,
0.4041


432.9852, 0.3590,
0.3699

 45.2664, 0.4087,
0.4115


 108.1434, 0.3856,
0.3925

 31.6673, 0.4197,
0.4203


 137.7436, 0.3801,
0.3879

 21.1075, 0.4333,
0.4308


 172.3051, 0.3754,
0.3839

 13.2026, 0.4501,
0.4433

212.2122, 0.3712,
0.3804

 7.5682, 0.4709,
0.4576

257.8494, 0.3676,
0.3773

 3.8199, 0.5122,
0.4878

309.6010, 0.3644,

 1.5734, 0.5205,

0.3746

0.4795

367.8515, 0.3615,
0.3721

0.3395, 0.5760,
0.4240

0.0000, 0.0000,
0.0000

62.2892, 0.3996,
0.4041

62.2892, 0.3996,
0.4041

57.6658, 0.4220,
0.4187

67.3139, 0.3779,
0.3879

53.4200, 0.4443,
0.4306


72.7448, 0.3575,
0.3710

49.5384, 0.4653,
0.4386

78.5978, 0.3388,
0.3543

46.0022, 0.4839,
0.4416


84.8849, 0.3218,
0.3381

 42.7895, 0.4992,
0.4394

 91.6176, 0.3066,
0.3228

 41.5387, 0.5048,
0.4374

 97.3645, 0.3047,
0.3286

 97.6123, 0.3047,
0.3290

Harmonies

Analogous

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



62.2892, 0.4159, 0.3688



62.2892, 0.3996, 0.4041



62.2892, 0.3601, 0.4224

Triad

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



62.2892, 0.3996, 0.4041



62.2892, 0.2303, 0.3198



62.2892, 0.3089, 0.2616

Complementary

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



62.2892, 0.3996, 0.4041



40.7355, 0.2353, 0.2388

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.



62.2892, 0.2615, 0.2477



62.2892, 0.3996, 0.4041



62.2892, 0.2192, 0.2765

Square

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



62.2892, 0.3996, 0.4041



62.2892, 0.2625, 0.3718



62.2892, 0.2301, 0.2520



62.2892, 0.3614, 0.2901

Rectangle

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



62.2892, 0.3996, 0.4041



62.2892, 0.3268, 0.4190



62.2892, 0.2301, 0.2520



62.2892, 0.2919, 0.2551

Sweetspot

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



62.2921, 0.3996, 0.4041



89.7880, 0.3356, 0.3513



38.1509, 0.3879, 0.2828



18.9001, 0.3394, 0.3549



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.



62.2921, 0.3996, 0.4041



65.3103, 0.4205, 0.4178



81.7896, 0.3712, 0.4454



17.4210, 0.3277, 0.3439



22.5908, 0.5030, 0.4388



2.0688, 0.4891, 0.4499

Inverse Universe

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



40.7355, 0.2353, 0.2388



38.3116, 0.2192, 0.2163



28.5757, 0.2347, 0.1882



16.1844, 0.2980, 0.3137



7.5514, 0.1660, 0.1176



0.8122, 0.1733, 0.1437

Previews

White Background



This preview shows how the Yxy color 62.2892, 0.3996, 0.4041 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 62.2892, 0.3996, 0.4041 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 62.2892, 0.3996, 0.4041

Background



This preview shows how black text looks on a background with the Yxy color 62.2892, 0.3996, 0.4041.



This preview shows how white text looks on a background with the Yxy color 62.2892, 0.3996, 0.4041.

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

62.2892, 0.3996, 0.4041

Protanopia

62.3267, 0.3812, 0.4125

Deuteranopia

62.3781, 0.4071, 0.3982



Tritanopia

62.2952, 0.3485, 0.3144

Trichromacy



Original Color

62.2892, 0.3996, 0.4041

Protanomaly

62.3175, 0.3878, 0.4099

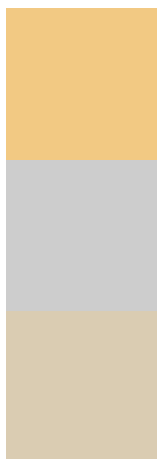
Deuteranomaly

62.2869, 0.4041, 0.3999

Tritanomaly

61.8777, 0.3675, 0.3463

Monochromacy



Original Color

62.2892, 0.3996, 0.4041

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.3055, 0.3429, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2892, 0.3996, 0.4041 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(242, 201, 131)` looks like.

```
.text, #text, p{  
    color:rgb(242, 201, 131)  
}
```

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(242, 201, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 201, 131) }
```

Border

The CSS property to change the border of an element to Yxy 62.2892, 0.3996, 0.4041 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(242, 201, 131) }
```

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

```
.border{ border-color:rgb(242, 201, 131) }
```

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

Here you see how a box with a 4 pixel rgb(242, 201, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 201, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 201, 131);  
box-shadow:4px 4px 4px 4px rgb(242, 201,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2892, 0.3996, 0.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 201, 131) }
```

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

```
.background{ background-color: rgb(242,  
201, 131) }
```

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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