

Converting Colors

$Yxy(40.3377, 0.3191, 0.4036)$

Have a look what the booklet for
Yxy(40.3377, 0.3191, 0.4036)
contains.

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Color

Yxy(40.1208, 0.3193, 0.4036)

Conversions

Conversions Part 1

Format	Color
Hex	8FB483
RGB	143, 180, 131
RGB Percent	56%, 71%, 51%
CMY	0.4394, 0.2941, 0.4862
CMYK	0.21, 0.00, 0.27, 0.29
HSL	105°, 25%, 61%
HSV	105°, 27%, 71%
XYZ	31.7408, 40.1208, 27.5458
YIQ	163.3510, -6.3230, -23.0830

Conversions

Conversions Part 2

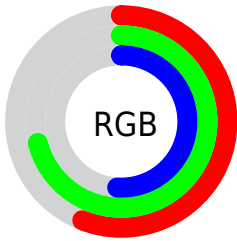
Format	Color
RYB	131, 180, 168
Decimal	9417859
CIELab	69.56, -21.88, 21.02
CIELCh	70, 30.340, 136.151
Yxy	40.1208, 0.3193, 0.4036
Android (android.graphics.Color)	4287607939 (0xFF8FB483)
YUV	163.3510, -15.9490, -17.8478
Hunter-Lab	63.3410, -21.3987, 18.5546

Details

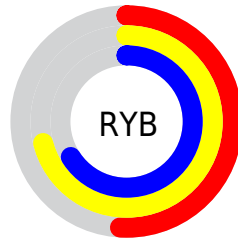
The Yxy color **40.1208, 0.3193, 0.4036** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.8616, 0.3033, 0.2598**, and the grayscale version is **36.8771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3219, 0.3185, 0.3890**, and **18.0481, 0.3204, 0.4288** is the 20% darker color. If you saturate the color by 10%, you get **38.5345, 0.3210, 0.4354**, and if you desaturate by 10%, it is **41.9427, 0.3171, 0.3739**.

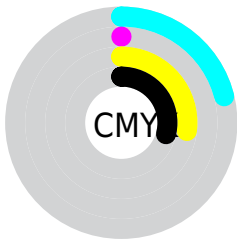
Distribution



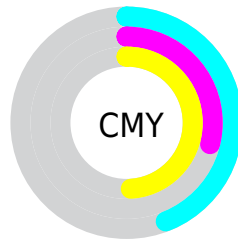
- Red (56%)
- Green (71%)
- Blue (51%)



- Red (51%)
- Yellow (71%)
- Blue (66%)



- Cyan (21%)
- Magenta (0%)
- Yellow (27%)
- Black (29%)





- Cyan (44%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.1208, 0.3193, 0.4036 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 40.1208, 0.3193, 0.4036 by changing the saturation by 10% instead.


 40.1208, 0.3193,
0.4036


 40.1208, 0.3193,
0.4036


346.6325, 0.3168,
0.3639

 27.6327, 0.3196,
0.4143


 75.3474, 0.3186,
0.3886

 18.0490, 0.3198,
0.4285


 98.8548, 0.3183,
0.3831

 10.9852, 0.3196,
0.4483


 126.8040, 0.3179,
0.3786

 6.0569, 0.3184,
0.4774

159.5796, 0.3177,
0.3748

 2.8797, 0.3140,
0.5244

197.5658, 0.3174,
0.3715

 1.0692, 0.3059,
0.6941

241.1471, 0.3172,


 0.0000, 0.0000,


0.3686

0.0000


290.7078, 0.3170,
0.3661

 40.1208, 0.3193,
0.4036


 40.1208, 0.3193,
0.4036


 38.5345, 0.3210,
0.4354


 41.9427, 0.3171,
0.3739


 37.1690, 0.3220,
0.4682


 44.0042, 0.3146,
0.3468

 36.0157, 0.3220,
0.5007


 46.3154, 0.3120,
0.3225

 35.0634, 0.3208,
0.5309

 48.8845, 0.3093,
0.3010

 34.2998, 0.3185,
0.5568


 51.7194, 0.3067,
0.2820

 33.7110, 0.3150,
0.5765


 54.8274, 0.3041,
0.2654

 33.2793, 0.3108,
0.5893

 58.0850, 0.3032,
0.2526

 33.1810, 0.3098,
0.5922

 60.5338, 0.3137,
0.2550

 61.1275, 0.3162,
0.2556

Harmonies

Analogous

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



40.1208, 0.3620, 0.4083



40.1208, 0.3193, 0.4036



40.1208, 0.2767, 0.3737

Triad

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



40.1208, 0.3193, 0.4036



40.1208, 0.2372, 0.2649



40.1208, 0.3844, 0.3219

Complementary

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



40.1208, 0.3193, 0.4036



27.8616, 0.3033, 0.2598

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.



40.1208, 0.3465, 0.2895



40.1208, 0.3193, 0.4036



40.1208, 0.2617, 0.2572

Square

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



40.1208, 0.3193, 0.4036



40.1208, 0.2313, 0.2902



40.1208, 0.3010, 0.2664



40.1208, 0.4016, 0.3578

Rectangle

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



40.1208, 0.3193, 0.4036



40.1208, 0.2539, 0.3450



40.1208, 0.3010, 0.2664



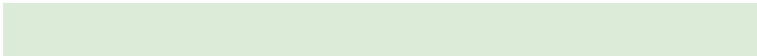
40.1208, 0.3735, 0.3104

Sweetspot

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



40.1225, 0.3193, 0.4036



79.4167, 0.3149, 0.3492



39.2608, 0.3572, 0.3802



17.0395, 0.3152, 0.3531



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.1225, 0.3193, 0.4036



70.8662, 0.3204, 0.4236



39.4644, 0.3000, 0.3861



9.5869, 0.3152, 0.3523



23.1817, 0.3105, 0.5917



0.7570, 0.3314, 0.5750

Inverse Universe

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



27.8616, 0.3033, 0.2598



44.7064, 0.3004, 0.2430



28.7575, 0.3286, 0.2780



8.5403, 0.3100, 0.3063



5.9910, 0.2607, 0.1210



0.2136, 0.2784, 0.1307

Previews

White Background



This preview shows how the Yxy color 40.1208, 0.3193, 0.4036 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 40.1208, 0.3193, 0.4036 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 40.1208, 0.3193, 0.4036

Background



This preview shows how black text looks on a background with the Yxy color 40.1208, 0.3193, 0.4036.



This preview shows how white text looks on a background with the Yxy color 40.1208, 0.3193, 0.4036.

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

40.1208, 0.3193, 0.4036

Protanopia

39.8274, 0.3632, 0.3884

Deuteranopia

39.9494, 0.3733, 0.3659



Tritanopia

40.1504, 0.2839, 0.3092

Trichromacy



Original Color

40.1208, 0.3193, 0.4036

Protanomaly

39.7705, 0.3464, 0.3937

Deuteranomaly

39.5621, 0.3521, 0.3780

Tritanomaly

40.2302, 0.2967, 0.3421

Monochromacy



Original Color

40.1208, 0.3193, 0.4036

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.6782, 0.3160, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1208, 0.3193, 0.4036 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(143, 180, 131)` looks like.

```
.text, #text, p{  
    color:rgb(143, 180, 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(143, 180, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 180, 131) }
```

Border

The CSS property to change the border of an element to Yxy 40.1208, 0.3193, 0.4036 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(143, 180, 131) }
```

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

```
.border{ border-color:rgb(143, 180, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 180, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 180, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 180, 131); box-shadow:4px 4px 4px 4px rgb(143, 180, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1208, 0.3193, 0.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 180, 131) }
```

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

```
.background{ background-color: rgb(143,  
180, 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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