

Converting Colors

$Yxy(41.4899, 0.3139, 0.3784)$

Have a look what the booklet for
Yxy(41.4899, 0.3139, 0.3784)
contains.

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Color

Yxy(41.3284, 0.3138, 0.3776)

Conversions

Conversions Part 1

Format	Color
Hex	97B493
RGB	151, 180, 147
RGB Percent	59%, 71%, 58%
CMY	0.4080, 0.2941, 0.4235
CMYK	0.16, 0.00, 0.18, 0.29
HSL	113°, 18%, 64%
HSV	113°, 18%, 71%
XYZ	34.3455, 41.3284, 33.7763
YIQ	167.5670, -6.6910, -16.4110

Conversions

Conversions Part 2

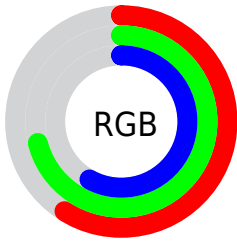
Format	Color
RYB	147, 180, 176
Decimal	9942163
CIELab	70.41, -16.30, 13.59
CIELCh	70, 21.222, 140.192
Yxy	41.3284, 0.3138, 0.3776
Android (android.graphics.Color)	4288132243 (0xFF97B493)
YUV	167.5670, -10.1395, -14.5293
Hunter-Lab	64.2872, -17.1388, 13.8502

Details

The Yxy color **41.3284, 0.3138, 0.3776** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.4059, 0.3109, 0.2838**, and the grayscale version is **38.9856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3298, 0.3142, 0.3682**, and **18.7326, 0.3143, 0.3937** is the 20% darker color. If you saturate the color by 10%, you get **39.3931, 0.3141, 0.4083**, and if you desaturate by 10%, it is **43.5595, 0.3133, 0.3498**.

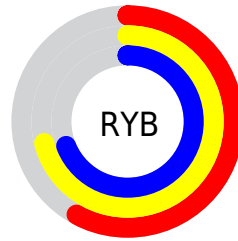
Distribution



Red (59%)

Green (71%)

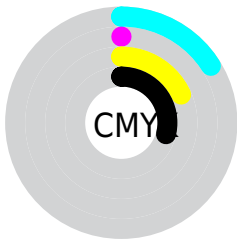
Blue (58%)



Red (58%)

Yellow (71%)

Blue (69%)

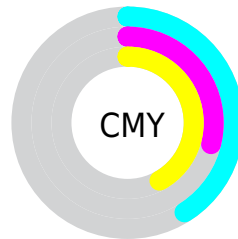


Cyan (16%)

Magenta (0%)

Yellow (18%)

Black (29%)



Cyan (41%)


Magenta (29%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3284, 0.3138, 0.3776 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 41.3284, 0.3138, 0.3776 by changing the saturation by 10% instead.


 41.3284, 0.3138,
0.3776


 41.3284, 0.3138,
0.3776

351.6913, 0.3136,
0.3521

 28.5758, 0.3137,
0.3844


 77.1822, 0.3138,
0.3680

 18.7601, 0.3135,
0.3933


 101.0521, 0.3138,
0.3645

 11.4971, 0.3131,
0.4057


129.3966, 0.3138,
0.3616

 6.4022, 0.3121,
0.4238

162.6000, 0.3137,
0.3591

 3.0912, 0.3098,
0.4530

201.0468, 0.3137,
0.3570

 1.1795, 0.3196,
0.5409

245.1214, 0.3137,

 0.0449, 0.0000,

0.3552

1.0000

295.2081, 0.3136,
0.3535

0.0000, 0.0000,
0.0000

41.3284, 0.3138,
0.3776

41.3284, 0.3138,
0.3776

39.3931, 0.3141,
0.4083

43.5595, 0.3133,
0.3498

37.7361, 0.3139,
0.4414

46.0927, 0.3126,
0.3251

36.3462, 0.3134,
0.4757


48.9404, 0.3118,
0.3034

35.2092, 0.3122,
0.5095


52.1129, 0.3109,
0.2845


34.3099, 0.3106,
0.5405


55.6202, 0.3101,
0.2682


 33.6310, 0.3084,
0.5663

 59.4702, 0.3092,
0.2540

 33.1532, 0.3058,
0.5849

 61.1276, 0.3162,
0.2556

 32.8504, 0.3034,
0.5960

 32.8128, 0.3031,
0.5975

Harmonies

Analogous

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



41.3284, 0.3440, 0.3841



41.3284, 0.3138, 0.3776



41.3284, 0.2843, 0.3558

Triad

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



41.3284, 0.3138, 0.3776



41.3284, 0.2609, 0.2827



41.3284, 0.3647, 0.3282

Complementary

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



41.3284, 0.3138, 0.3776



33.4059, 0.3109, 0.2838

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.



41.3284, 0.3404, 0.3040



41.3284, 0.3138, 0.3776



41.3284, 0.2804, 0.2782

Square

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



41.3284, 0.3138, 0.3776



41.3284, 0.2548, 0.2997



41.3284, 0.3092, 0.2861



41.3284, 0.3743, 0.3537

Rectangle

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



41.3284, 0.3138, 0.3776



41.3284, 0.2689, 0.3364



41.3284, 0.3092, 0.2861



41.3284, 0.3579, 0.3197

Sweetspot

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



41.3302, 0.3138, 0.3776



80.3994, 0.3131, 0.3414



42.7109, 0.3408, 0.3681



17.3103, 0.3131, 0.3432



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.



41.3302, 0.3138, 0.3776



73.4454, 0.3139, 0.3897



41.3592, 0.3011, 0.3597



9.5371, 0.3133, 0.3524



22.9139, 0.3035, 0.5972



0.7365, 0.3162, 0.5872

Inverse Universe

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



33.4059, 0.3109, 0.2838



56.4013, 0.3104, 0.2735



33.4009, 0.3265, 0.3002



8.5942, 0.3119, 0.3064



7.4265, 0.2914, 0.1379



0.2481, 0.3001, 0.1427

Previews

White Background



This preview shows how the Yxy color 41.3284, 0.3138, 0.3776 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 41.3284, 0.3138, 0.3776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

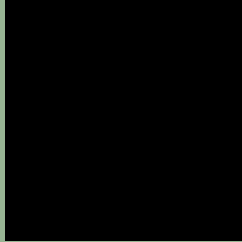
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3284, 0.3138, 0.3776

Background



This preview shows how black text looks on a background with the Yxy color 41.3284, 0.3138, 0.3776.



This preview shows how white text looks on a background with the Yxy color 41.3284, 0.3138, 0.3776.

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

41.3284, 0.3138, 0.3776

Protanopia

40.9327, 0.3464, 0.3676

Deuteranopia

40.8480, 0.3563, 0.3488



Tritanopia

41.1720, 0.2881, 0.3096

Trichromacy



Original Color

41.3284, 0.3138, 0.3776

Protanomaly

40.8318, 0.3343, 0.3715

Deuteranomaly

40.6227, 0.3403, 0.3580

Tritanomaly

41.0364, 0.2971, 0.3332

Monochromacy



Original Color

41.3284, 0.3138, 0.3776

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.7245, 0.3137, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3284, 0.3138, 0.3776 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(151, 180, 147)` looks like.

```
.text, #text, p{  
    color:rgb(151, 180, 147)  
}
```

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(151, 180, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 180, 147) }
```

Border

The CSS property to change the border of an element to Yxy 41.3284, 0.3138, 0.3776 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(151, 180, 147) }
```

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

```
.border{ border-color:rgb(151, 180, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 180, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 180, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 180, 147);  
box-shadow:4px 4px 4px 4px rgb(151, 180,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3284, 0.3138, 0.3776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 180, 147) }
```

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

```
.background{ background-color: rgb(151,  
180, 147) }
```

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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