

Converting Colors

$Yxy(41.3241, 0.3006, 0.3473)$

Have a look what the booklet for
Yxy(41.3241, 0.3006, 0.3473)
contains.

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Color

Yxy(41.2328, 0.3008, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	98B2A5
RGB	152, 178, 165
RGB Percent	60%, 70%, 65%
CMY	0.4038, 0.3020, 0.3531
CMYK	0.15, 0.00, 0.07, 0.30
HSL	150°, 14%, 65%
HSV	150°, 15%, 70%
XYZ	35.6608, 41.2328, 41.6596
YIQ	168.7440, -11.3230, -9.5550

Conversions

Conversions Part 2

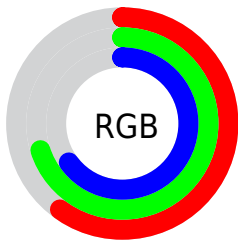
Format	Color
RYB	152, 169, 178
Decimal	10007205
CIELab	70.34, -11.53, 3.67
CIElCh	70, 12.095, 162.356
Yxy	41.2328, 0.3008, 0.3478
Android (android.graphics.Color)	4288197285 (0xFF98B2A5)
YUV	168.7440, -1.8458, -14.6845
Hunter-Lab	64.2128, -13.2417, 6.4831

Details

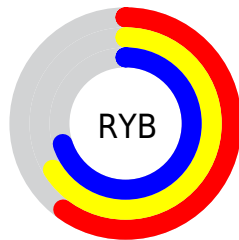
The Yxy color **41.2328, 0.3008, 0.3478** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.6469, 0.3266, 0.3109**, and the grayscale version is **39.5579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1348, 0.3027, 0.3444**, and **18.6262, 0.2976, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **39.3297, 0.2930, 0.3625**, and if you desaturate by 10%, it is **43.4198, 0.3089, 0.3346**.

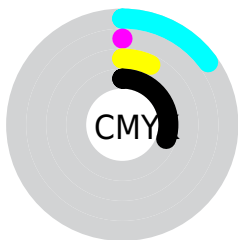
Distribution



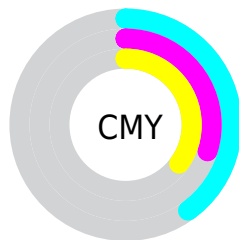
- Red (60%)
- Green (70%)
- Blue (65%)



- Red (60%)
- Yellow (66%)
- Blue (70%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (30%)





- Cyan (40%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2328, 0.3008, 0.3478 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 41.2328, 0.3008, 0.3478 by changing the saturation by 10% instead.


 41.2328, 0.3008,
0.3478


 41.2328, 0.3008,
0.3478


351.2927, 0.3069,
0.3381

 28.5010, 0.2992,
0.3503


 77.0372, 0.3031,
0.3442

 18.7037, 0.2971,
0.3537


 100.8786, 0.3039,
0.3429

 11.4564, 0.2943,
0.3582


129.1919, 0.3046,
0.3417

 6.3747, 0.2901,
0.3648

162.3617, 0.3052,
0.3408

 3.0742, 0.2836,
0.3753

200.7723, 0.3057,
0.3400

 1.1706, 0.2718,
0.3945

244.8080, 0.3062,

 0.0375, 0.0000,

0.3393

1.0000

294.8534, 0.3066,
0.3386

0.0000, 0.0000,
0.0000

41.2328, 0.3008,
0.3478

41.2328, 0.3008,
0.3478

39.3297, 0.2930,
0.3625

43.4198, 0.3089,
0.3346

37.6935, 0.2858,
0.3786

45.8968, 0.3172,
0.3228

36.3131, 0.2794,
0.3960

48.6760, 0.3254,
0.3124

35.1746, 0.2743,
0.4145

51.7674, 0.3334,
0.3032

34.2628, 0.2707,
0.4337

55.1807, 0.3411,
0.2951

■ 33.5608, 0.2688,
0.4533

■ 58.1928, 0.3454,
0.2876

■ 33.0488, 0.2689,
0.4726

■ 58.6747, 0.3379,
0.2789

■ 32.7034, 0.2709,
0.4912

■ 59.1822, 0.3307,
0.2705

■ 32.5579, 0.2725,
0.5009

■ 59.7156, 0.3236,
0.2622

Harmonies

Analogous

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



41.2328, 0.3184, 0.3580



41.2328, 0.3008, 0.3478



41.2328, 0.2867, 0.3323

Triad

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



41.2328, 0.3008, 0.3478



41.2328, 0.2906, 0.2994



41.2328, 0.3471, 0.3401

Complementary

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



41.2328, 0.3008, 0.3478



34.6469, 0.3266, 0.3109

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.



41.2328, 0.3393, 0.3250



41.2328, 0.3008, 0.3478



41.2328, 0.3063, 0.3020

Square

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



41.2328, 0.3008, 0.3478



41.2328, 0.2809, 0.3045



41.2328, 0.3242, 0.3113



41.2328, 0.3454, 0.3529

Rectangle

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



41.2328, 0.3008, 0.3478



41.2328, 0.2810, 0.3214



41.2328, 0.3242, 0.3113



41.2328, 0.3455, 0.3351

Sweetspot

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



41.2345, 0.3008, 0.3478



78.9603, 0.3094, 0.3339



42.1566, 0.3228, 0.3658



17.4235, 0.3087, 0.3349



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.



41.2345, 0.3008, 0.3478



73.4325, 0.2978, 0.3531



41.7163, 0.2912, 0.3296



9.5584, 0.3051, 0.3407



23.3075, 0.2719, 0.4989



0.7451, 0.2575, 0.4472

Inverse Universe

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



34.6469, 0.3266, 0.3109



58.8281, 0.3307, 0.3061



34.2101, 0.3389, 0.3285



8.5740, 0.3211, 0.3176



7.3048, 0.4921, 0.2485



0.2416, 0.4323, 0.2155

Previews

White Background



This preview shows how the Yxy color 41.2328, 0.3008, 0.3478 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 41.2328, 0.3008, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

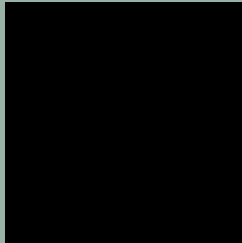
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2328, 0.3008, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 41.2328, 0.3008, 0.3478.



This preview shows how white text looks on a background with the Yxy color 41.2328, 0.3008, 0.3478.

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

41.2328, 0.3008, 0.3478

Protanopia

41.0461, 0.3267, 0.3428

Deuteranopia

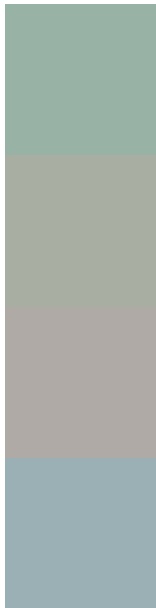
41.0096, 0.3344, 0.3277



Tritanopia

41.3587, 0.2865, 0.3109

Trichromacy



Original Color

41.2328, 0.3008, 0.3478

Protanomaly

41.2056, 0.3173, 0.3458

Deuteranomaly

40.7327, 0.3216, 0.3345

Tritanomaly

41.3145, 0.2917, 0.3233

Monochromacy



Original Color

41.2328, 0.3008, 0.3478

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.1187, 0.3080, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2328, 0.3008, 0.3478 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(152, 178, 165)` looks like.

```
.text, #text, p{  
    color:rgb(152, 178, 165)  
}
```

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(152, 178, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 178, 165) }
```

Border

The CSS property to change the border of an element to Yxy 41.2328, 0.3008, 0.3478 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(152, 178, 165) }
```

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

```
.border{ border-color:rgb(152, 178, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 178, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 178, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 178, 165);  
box-shadow:4px 4px 4px 4px rgb(152, 178,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2328, 0.3008, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 178, 165) }
```

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

```
.background{ background-color: rgb(152,  
178, 165) }
```

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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