

Converting Colors

$Yxy(41.1584, 0.3028, 0.4006)$

Have a look what the booklet for
Yxy(41.1584, 0.3028, 0.4006)
contains.

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Color

Yxy(41.2787, 0.3030, 0.4016)

Conversions

Conversions Part 1

Format	Color
Hex	82B98A
RGB	130, 185, 138
RGB Percent	51%, 73%, 54%
CMY	0.4901, 0.2745, 0.4589
CMYK	0.30, 0.00, 0.25, 0.27
HSL	129°, 28%, 62%
HSV	129°, 30%, 73%
XYZ	31.1440, 41.2787, 30.3629
YIQ	163.1970, -17.6930, -26.2770

Conversions

Conversions Part 2

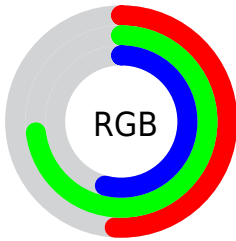
Format	Color
RYB	130, 178, 185
Decimal	8567178
CIELab	70.37, -27.58, 18.25
CIELCh	70, 33.073, 146.508
Yxy	41.2787, 0.3030, 0.4016
Android (android.graphics.Color)	4286757258 (0xFF82B98A)
YUV	163.1970, -12.4221, -29.1138
Hunter-Lab	64.2485, -25.9082, 16.9544

Details

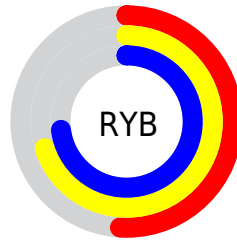
The Yxy color $41.2787, 0.3030, 0.4016$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $29.4630, 0.3243, 0.2659$, and the grayscale version is $36.7924, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9067, 0.3050, 0.3862$, and $18.8694, 0.2989, 0.4261$ is the 20% darker color. If you saturate the color by 10%, you get $39.5209, 0.3000, 0.4312$, and if you desaturate by 10%, it is $43.3698, 0.3063, 0.3744$.

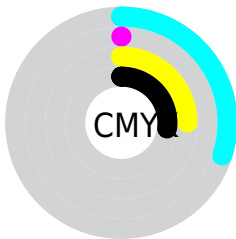
Distribution



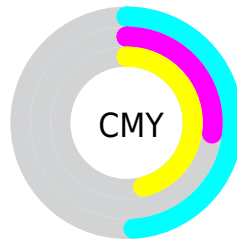
- Red (51%)
- Green (73%)
- Blue (54%)



- Red (51%)
- Yellow (70%)
- Blue (73%)



- Cyan (30%)
- Magenta (0%)
- Yellow (25%)
- Black (27%)





- Cyan (49%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2787, 0.3030, 0.4016 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 41.2787, 0.3030, 0.4016 by changing the saturation by 10% instead.


 41.2787, 0.3030,
0.4016


 41.2787, 0.3030,
0.4016


351.4841, 0.3088,
0.3630

 28.5369, 0.3012,
0.4120


 77.1068, 0.3053,
0.3870

 18.7308, 0.2987,
0.4259


 100.9619, 0.3062,
0.3817

 11.4759, 0.2949,
0.4453


 129.2902, 0.3068,
0.3772

 6.3879, 0.2886,
0.4741

162.4762, 0.3073,
0.3735

 3.0824, 0.2770,
0.5209

200.9041, 0.3078,
0.3703

 1.1749, 0.2624,
0.7376

244.9585, 0.3082,

 0.0410, 0.0000,

0.3675

1.0000

295.0237, 0.3085,
0.3651

■ 0.0000, 0.0000,
0.0000

■ 41.2787, 0.3030,
0.4016

■ 41.2787, 0.3030,
0.4016

■ 39.5209, 0.3000,
0.4312

■ 43.3698, 0.3063,
0.3744

■ 38.0742, 0.2973,
0.4624

■ 45.8047, 0.3096,
0.3500

■ 36.9218, 0.2954,
0.4939

■ 48.5999, 0.3128,
0.3284

■ 36.0433, 0.2943,
0.5241

■ 51.7692, 0.3159,
0.3096

■ 35.4155, 0.2942,
0.5509

■ 55.3259, 0.3188,
0.2932

■ 35.0115, 0.2952,
0.5724

■ 59.2823, 0.3216,
0.2790

■ 34.7816, 0.2967,
0.5878

■ 62.7817, 0.3206,
0.2661

■ 34.7761, 0.2967,
0.5881

■ 63.1781, 0.3159,
0.2604

Harmonies

Analogous

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



41.2787, 0.3505, 0.4163



41.2787, 0.3030, 0.4016



41.2787, 0.2602, 0.3617

Triad

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



41.2787, 0.3030, 0.4016



41.2787, 0.2385, 0.2551



41.2787, 0.3997, 0.3343

Complementary

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



41.2787, 0.3030, 0.4016



29.4630, 0.3243, 0.2659

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.



41.2787, 0.3650, 0.2976



41.2787, 0.3030, 0.4016



41.2787, 0.2708, 0.2536

Square

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



41.2787, 0.3030, 0.4016



41.2787, 0.2252, 0.2755



41.2787, 0.3168, 0.2690



41.2787, 0.4085, 0.3723

Rectangle

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



41.2787, 0.3030, 0.4016



41.2787, 0.2397, 0.3294



41.2787, 0.3168, 0.2690



41.2787, 0.3905, 0.3215

Sweetspot

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



41.2804, 0.3030, 0.4016



82.3024, 0.3097, 0.3487



45.7365, 0.3502, 0.4038



17.5970, 0.3093, 0.3520



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.2804, 0.3030, 0.4016



71.7050, 0.3009, 0.4217



42.1569, 0.2840, 0.3591



10.0807, 0.3097, 0.3491



23.6861, 0.2963, 0.5867



0.8418, 0.2855, 0.5479

Inverse Universe

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



29.4630, 0.3243, 0.2659



46.9470, 0.3276, 0.2513



28.4947, 0.3540, 0.3010



9.1398, 0.3159, 0.3097



8.7178, 0.3606, 0.1760



0.3135, 0.3489, 0.1696

Previews

White Background



This preview shows how the Yxy color 41.2787, 0.3030, 0.4016 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 41.2787, 0.3030, 0.4016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

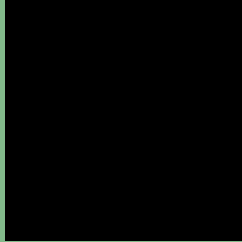
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2787, 0.3030, 0.4016

Background



This preview shows how black text looks on a background with the Yxy color 41.2787, 0.3030, 0.4016.



This preview shows how white text looks on a background with the Yxy color 41.2787, 0.3030, 0.4016.

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

41.2787, 0.3030, 0.4016

Protanopia

40.8590, 0.3582, 0.3825

Deuteranopia

40.8690, 0.3658, 0.3592



Tritanopia

41.2220, 0.2718, 0.3090

Trichromacy



Original Color

41.2787, 0.3030, 0.4016

Protanomaly

40.6644, 0.3367, 0.3897

Deuteranomaly

40.3124, 0.3402, 0.3728

Tritanomaly

41.2605, 0.2830, 0.3422

Monochromacy



Original Color

41.2787, 0.3030, 0.4016

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.0382, 0.3088, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2787, 0.3030, 0.4016 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(130, 185, 138)` looks like.

```
.text, #text, p{  
    color:rgb(130, 185, 138)  
}
```

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(130, 185, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 185, 138) }
```

Border

The CSS property to change the border of an element to Yxy 41.2787, 0.3030, 0.4016 is called "border". The border property can be set on classes, ids or directly on the HTML element.

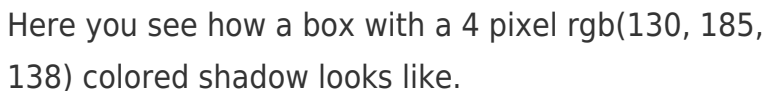
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 185, 138) }
```

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

```
.border{ border-color:rgb(130, 185, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(130, 185, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 185, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 185, 138); box-shadow:4px 4px 4px 4px rgb(130, 185, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2787, 0.3030, 0.4016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 185, 138) }
```

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

```
.background{ background-color: rgb(130,  
185, 138) }
```

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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