

Converting Colors

$Yxy(40.7494, 0.3290, 0.4320)$

Have a look what the booklet for
Yxy(40.7494, 0.3290, 0.4320)
contains.

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Color

Yxy(40.7675, 0.3291, 0.4326)

Conversions

Conversions Part 1

Format	Color
Hex	8DB773
RGB	141, 183, 115
RGB Percent	55%, 72%, 45%
CMY	0.4470, 0.2823, 0.5490
CMYK	0.23, 0.00, 0.37, 0.28
HSL	97°, 32%, 58%
HSV	97°, 37%, 72%
XYZ	31.0138, 40.7675, 22.4570
YIQ	162.6900, -3.2040, -30.0520

Conversions

Conversions Part 2

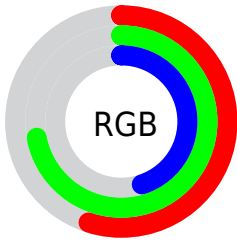
Format	Color
RYB	115, 183, 157
Decimal	9287539
CIELab	70.01, -26.52, 30.13
CIELCh	70, 40.140, 131.352
Yxy	40.7675, 0.3291, 0.4326
Android (android.graphics.Color)	4287477619 (0xFF8DB773)
YUV	162.6900, -23.5112, -19.0221
Hunter-Lab	63.8494, -25.0330, 23.8412

Details

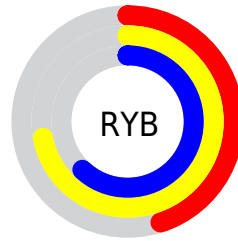
The Yxy color **40.7675, 0.3291, 0.4326** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **22.8520, 0.2883, 0.2305**, and the grayscale version is **36.5879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2959, 0.3271, 0.4111**, and **18.4825, 0.3304, 0.4667** is the 20% darker color. If you saturate the color by 10%, you get **39.4480, 0.3320, 0.4638**, and if you desaturate by 10%, it is **42.2753, 0.3253, 0.4021**.

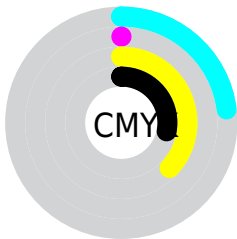
Distribution



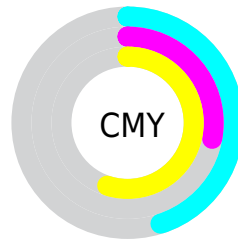
- Red (55%)
- Green (72%)
- Blue (45%)



- Red (45%)
- Yellow (72%)
- Blue (62%)



- Cyan (23%)
- Magenta (0%)
- Yellow (37%)
- Black (28%)





- Cyan (45%)
- Magenta (28%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7675, 0.3291, 0.4326 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 40.7675, 0.3291, 0.4326 by changing the saturation by 10% instead.


 40.7675, 0.3291,
0.4326


 40.7675, 0.3291,
0.4326


349.3479, 0.3224,
0.3774


 28.1375, 0.3301,
0.4474


 76.3308, 0.3271,
0.4118

 18.4293, 0.3309,
0.4670


 100.0329, 0.3262,
0.4042

 11.2586, 0.3311,
0.4938


 128.1944, 0.3254,
0.3978

 6.2411, 0.3291,
0.5326

161.1998, 0.3247,
0.3925

 2.9922, 0.3296,
0.6083

199.4335, 0.3240,
0.3879

 1.1277, 0.2648,
0.7352

243.2798, 0.3234,

 0.0014, 0.0000,

0.3839

1.0000

293.1232, 0.3229,
0.3804

0.0000, 0.0000,
0.0000

40.7675, 0.3291,
0.4326

40.7675, 0.3291,
0.4326

39.4480, 0.3320,
0.4638

42.2753, 0.3253,
0.4021

38.3035, 0.3337,
0.4944

43.9736, 0.3209,
0.3733

37.3271, 0.3337,
0.5228


45.8712, 0.3161,
0.3466


36.5093, 0.3320,
0.5473


47.9746, 0.3114,
0.3224


35.8393, 0.3285,
0.5662


50.2902, 0.3066,
0.3006


 35.3030, 0.3236,
0.5792

 52.8240, 0.3020,
0.2812

 35.1688, 0.3222,
0.5824

 55.5818, 0.2977,
0.2640

 58.1490, 0.2980,
0.2545

 60.0958, 0.3066,
0.2564

Harmonies

Analogous

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



40.7675, 0.3836, 0.4305



40.7675, 0.3291, 0.4326



40.7675, 0.2729, 0.3973

Triad

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



40.7675, 0.3291, 0.4326



40.7675, 0.2130, 0.2491



40.7675, 0.4007, 0.3115

Complementary

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



40.7675, 0.3291, 0.4326



22.8520, 0.2883, 0.2305

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.



40.7675, 0.3471, 0.2724



40.7675, 0.3291, 0.4326



40.7675, 0.2400, 0.2370

Square

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



40.7675, 0.3291, 0.4326



40.7675, 0.2093, 0.2840



40.7675, 0.2876, 0.2459



40.7675, 0.4284, 0.3566

Rectangle

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



40.7675, 0.3291, 0.4326



40.7675, 0.2421, 0.3592



40.7675, 0.2876, 0.2459



40.7675, 0.3848, 0.2975

Sweetspot

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



40.7693, 0.3291, 0.4326



80.7396, 0.3181, 0.3571



35.3990, 0.3798, 0.3877



17.7314, 0.3187, 0.3606



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.



40.7693, 0.3291, 0.4326



70.9629, 0.3317, 0.4594



38.9421, 0.3020, 0.4265



10.2230, 0.3172, 0.3522



24.5705, 0.3230, 0.5817



0.9022, 0.3447, 0.5645

Inverse Universe

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



22.8520, 0.2883, 0.2305



33.9862, 0.2808, 0.2065



25.4296, 0.3257, 0.2479



8.9866, 0.3078, 0.3060



4.8761, 0.2282, 0.1031



0.2063, 0.2525, 0.1164

Previews

White Background



This preview shows how the Yxy color 40.7675, 0.3291, 0.4326 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 40.7675, 0.3291, 0.4326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

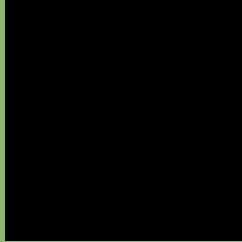
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7675, 0.3291, 0.4326

Background



This preview shows how black text looks on a background with the Yxy color 40.7675, 0.3291, 0.4326.



This preview shows how white text looks on a background with the Yxy color 40.7675, 0.3291, 0.4326.

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

40.7675, 0.3291, 0.4326

Protanopia

40.6907, 0.3803, 0.4113

Deuteranopia

40.2228, 0.3935, 0.3855



Tritanopia

40.5783, 0.2833, 0.3093

Trichromacy



Original Color

40.7675, 0.3291, 0.4326

Protanomaly

40.3758, 0.3610, 0.4184

Deuteranomaly

39.7608, 0.3679, 0.4011

Tritanomaly

40.3134, 0.3005, 0.3525

Monochromacy



Original Color

40.7675, 0.3291, 0.4326

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.7933, 0.3193, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7675, 0.3291, 0.4326 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(141, 183, 115)` looks like.

```
.text, #text, p{  
    color:rgb(141, 183, 115)  
}
```

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(141, 183, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 183, 115) }
```

Border

The CSS property to change the border of an element to Yxy 40.7675, 0.3291, 0.4326 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(141, 183, 115) }
```

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

```
.border{ border-color:rgb(141, 183, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 183, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 183, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 183, 115);  
box-shadow:4px 4px 4px 4px rgb(141, 183,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7675, 0.3291, 0.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 183, 115) }
```

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

```
.background{ background-color: rgb(141,  
183, 115) }
```

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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