

Converting Colors

$Yxy(37.9999, 0.3293, 0.4983)$

Have a look what the booklet for
Yxy(37.9999, 0.3293, 0.4983)
contains.

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Color

Yxy(37.9277, 0.3294, 0.4974)

Conversions

Conversions Part 1

Format	Color
Hex	71B74E
RGB	113, 183, 78
RGB Percent	44%, 72%, 31%
CMY	0.5569, 0.2823, 0.6941
CMYK	0.38, 0.00, 0.57, 0.28
HSL	100°, 42%, 51%
HSV	100°, 57%, 72%
XYZ	25.1174, 37.9277, 13.2068
YIQ	150.1000, -8.0150, -47.4950

Conversions

Conversions Part 2

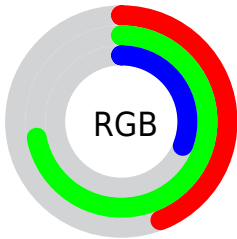
Format	Color
RYB	78, 183, 148
Decimal	7452494
CIELab	67.97, -41.07, 45.77
CIELCh	68, 61.493, 131.901
Yxy	37.9277, 0.3294, 0.4974
Android (android.graphics.Color)	4285642574 (0xFF71B74E)
YUV	150.1000, -35.5453, -32.5367
Hunter-Lab	61.5855, -34.9741, 30.3953

Details

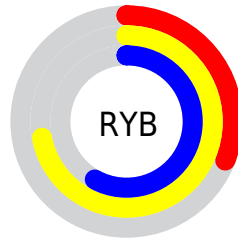
The Yxy color **37.9277, 0.3294, 0.4974** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **15.1694, 0.2759, 0.1781**, and the grayscale version is **30.7000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6695, 0.3294, 0.4625**, and **16.6702, 0.3250, 0.5545** is the 20% darker color. If you saturate the color by 10%, you get **36.9466, 0.3289, 0.5264**, and if you desaturate by 10%, it is **39.0940, 0.3284, 0.4661**.

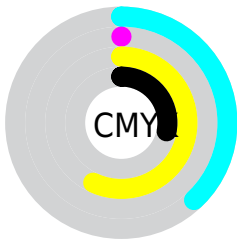
Distribution



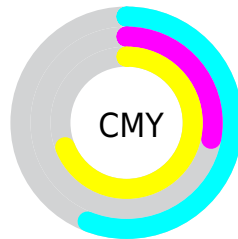
- Red (44%)
- Green (72%)
- Blue (31%)



- Red (31%)
- Yellow (72%)
- Blue (58%)



- Cyan (38%)
- Magenta (0%)
- Yellow (57%)
- Black (28%)




- Cyan (56%)
- Magenta (28%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9277, 0.3294, 0.4974 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 37.9277, 0.3294, 0.4974 by changing the saturation by 10% instead.

 37.9277, 0.3294,
0.4974


 37.9277, 0.3294,
0.4974


 337.3097, 0.3256,
0.4056

 25.9266, 0.3281,
0.5221


 71.9973, 0.3295,
0.4625


 16.7687, 0.3248,
0.5544


 94.8346, 0.3291,
0.4499


 10.0697, 0.3171,
0.5975


 122.0527, 0.3285,
0.4393

 5.4452, 0.3069,
0.6719

 154.0361, 0.3279,
0.4305

 2.5108, 0.2615,
0.7385

 191.1690, 0.3273,
0.4229

 0.8820, 0.0000,
1.0000

233.8360, 0.3267,

 0.0000, 0.0000,

0.4163

0.0000

282.4215, 0.3261,
0.4106

■ 37.9277, 0.3294,
0.4974

■ 37.9277, 0.3294,
0.4974

■ 36.9466, 0.3289,
0.5264

■ 39.0940, 0.3284,
0.4661

■ 36.1352, 0.3269,
0.5514

■ 40.4502, 0.3262,
0.4343

■ 35.4834, 0.3232,
0.5706

■ 42.0067, 0.3232,
0.4033

■ 34.9754, 0.3184,
0.5835

■ 43.7718, 0.3196,
0.3741

■ 34.8601, 0.3172,
0.5864

■ 45.7533, 0.3157,
0.3472

■ 47.9586, 0.3117,
0.3229

■ 50.3945, 0.3076,
0.3011

■ 53.0678, 0.3038,
0.2818

■ 55.9848, 0.3000,
0.2647

Harmonies

Analogous

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



37.9277, 0.4123, 0.4828



37.9277, 0.3294, 0.4974



37.9277, 0.2466, 0.4400

Triad

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



37.9277, 0.3294, 0.4974



37.9277, 0.1676, 0.2075



37.9277, 0.4521, 0.2999

Complementary

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



37.9277, 0.3294, 0.4974



15.1694, 0.2759, 0.1781

Split Complementary

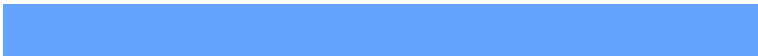
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.9277, 0.3661, 0.2458



37.9277, 0.3294, 0.4974



37.9277, 0.2049, 0.1944

Square

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



37.9277, 0.3294, 0.4974



37.9277, 0.1609, 0.2540



37.9277, 0.2737, 0.2086



37.9277, 0.4925, 0.3625

Rectangle

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



37.9277, 0.3294, 0.4974



37.9277, 0.2030, 0.3732



37.9277, 0.2737, 0.2086



37.9277, 0.4268, 0.2805

Sweetspot

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



37.9293, 0.3294, 0.4974



78.4190, 0.3196, 0.3738



31.8009, 0.4200, 0.4241



17.1741, 0.3203, 0.3795



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.



37.9293, 0.3294, 0.4974



65.7337, 0.3285, 0.5338



36.3254, 0.2944, 0.4825



10.2015, 0.3165, 0.3523



24.3512, 0.3180, 0.5857



0.8932, 0.3396, 0.5686

Inverse Universe

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



15.1694, 0.2759, 0.1781



20.9808, 0.2646, 0.1494



18.2540, 0.3416, 0.2143



9.0089, 0.3086, 0.3061



5.3127, 0.2394, 0.1093



0.2196, 0.2611, 0.1212

Previews

White Background



This preview shows how the Yxy color 37.9277, 0.3294, 0.4974 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 37.9277, 0.3294, 0.4974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

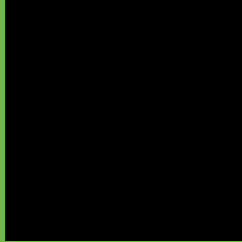
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9277, 0.3294, 0.4974

Background



This preview shows how black text looks on a background with the Yxy color 37.9277, 0.3294, 0.4974.



This preview shows how white text looks on a background with the Yxy color 37.9277, 0.3294, 0.4974.

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

37.9277, 0.3294, 0.4974

Protanopia

37.4454, 0.4107, 0.4503

Deuteranopia

37.3264, 0.4267, 0.4186



Tritanopia

37.8755, 0.2684, 0.3082

Trichromacy



Original Color

37.9277, 0.3294, 0.4974

Protanomaly

37.2686, 0.3787, 0.4691

Deuteranomaly

36.4277, 0.3894, 0.4469

Tritanomaly

37.4423, 0.2915, 0.3750

Monochromacy



Original Color

37.9277, 0.3294, 0.4974

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

32.6143, 0.3221, 0.3909

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9277, 0.3294, 0.4974 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(113, 183, 78)` looks like.

```
.text, #text, p{  
    color:rgb(113, 183, 78)  
}
```

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(113, 183, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 183, 78) }
```

Border

The CSS property to change the border of an element to Yxy 37.9277, 0.3294, 0.4974 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(113, 183, 78) }
```

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

```
.border{ border-color:rgb(113, 183, 78) }
```

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

Here you see how a box with a 4 pixel rgb(113, 183, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 183, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 183, 78);  
box-shadow:4px 4px 4px 4px rgb(113, 183,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9277, 0.3294, 0.4974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 183, 78) }
```

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

```
.background{ background-color: rgb(113,  
183, 78) }
```

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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