

Converting Colors

$Yxy(39.4721, 0.2897, 0.3741)$

Have a look what the booklet for
Yxy(39.4721, 0.2897, 0.3741)
contains.

Yxy(39.3125, 0.2904, 0.3741)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.3125, 0.2904, 0.3741)

Conversions

Conversions Part 1

Format	Color
Hex	7EB497
RGB	126, 180, 151
RGB Percent	49%, 71%, 59%
CMY	0.5057, 0.2941, 0.4079
CMYK	0.30, 0.00, 0.16, 0.29
HSL	148°, 26%, 60%
HSV	148°, 30%, 71%
XYZ	30.5168, 39.3125, 35.2562
YIQ	160.5480, -22.8750, -20.4670

Conversions

Conversions Part 2

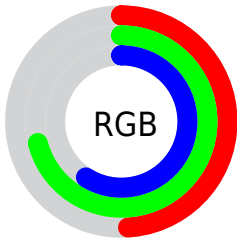
Format	Color
RYB	126, 163, 180
Decimal	8303767
CIELab	68.98, -23.90, 9.17
CIELCh	69, 25.604, 159.002
Yxy	39.3125, 0.2904, 0.3741
Android (android.graphics.Color)	4286493847 (0xFF7EB497)
YUV	160.5480, -4.7072, -30.2986
Hunter-Lab	62.6997, -22.8459, 10.5509

Details

The Yxy color **39.3125, 0.2904, 0.3741** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.0063, 0.3435, 0.2880**, and the grayscale version is **35.4558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1020, 0.2950, 0.3653**, and **17.5947, 0.2832, 0.3896** is the 20% darker color. If you saturate the color by 10%, you get **37.7644, 0.2840, 0.3922**, and if you desaturate by 10%, it is **41.1359, 0.2975, 0.3575**.

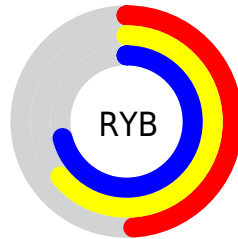
Distribution



Red (49%)

Green (71%)

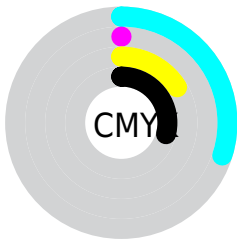
Blue (59%)



Red (49%)

Yellow (64%)

Blue (71%)

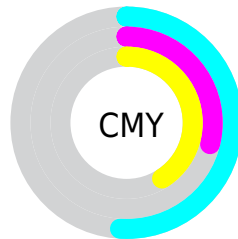


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (29%)



Cyan (51%)


Magenta (29%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3125, 0.2904, 0.3741 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 39.3125, 0.2904, 0.3741 by changing the saturation by 10% instead.

 39.3125, 0.2904,
0.3741


 39.3125, 0.2904,
0.3741

343.2173, 0.3022,
0.3502


 27.0029, 0.2872,
0.3805


 74.1155, 0.2949,
0.3651

 17.5754, 0.2830,
0.3891


 97.3776, 0.2965,
0.3618

 10.6456, 0.2771,
0.4011


 125.0595, 0.2978,
0.3591

 5.8291, 0.2683,
0.4190

157.5454, 0.2990,
0.3567

 2.7414, 0.2539,
0.4484

195.2197, 0.3000,
0.3548

 0.9983, 0.2006,
0.5546

238.4669, 0.3008,

 0.0000, 0.0000,

0.3530

0.0000

287.6713, 0.3016,
0.3515

■ 39.3125, 0.2904,
0.3741

■ 39.3125, 0.2904,
0.3741

■ 37.7644, 0.2840,
0.3922

■ 41.1359, 0.2975,
0.3575

■ 36.4728, 0.2786,
0.4117

■ 43.2425, 0.3050,
0.3424

■ 35.4244, 0.2745,
0.4321

■ 45.6460, 0.3127,
0.3290

■ 34.6024, 0.2721,
0.4530

■ 48.3575, 0.3205,
0.3170

■ 33.9878, 0.2715,
0.4738

■ 51.3879, 0.3281,
0.3065

■ 33.5586, 0.2729,
0.4939

■ 54.7471, 0.3354,
0.2972

■ 33.2692, 0.2758,
0.5128

■ 58.4450, 0.3425,
0.2891

■ 33.2683, 0.2758,
0.5129

■ 59.5241, 0.3370,
0.2800

■ 60.0779, 0.3292,
0.2709

Harmonies

Analogous

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



39.3125, 0.3278, 0.3948



39.3125, 0.2904, 0.3741



39.3125, 0.2602, 0.3393

Triad

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



39.3125, 0.2904, 0.3741



39.3125, 0.2627, 0.2676



39.3125, 0.3866, 0.3470

Complementary

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



39.3125, 0.2904, 0.3741



27.0063, 0.3435, 0.2880

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.



39.3125, 0.3671, 0.3161



39.3125, 0.2904, 0.3741



39.3125, 0.2941, 0.2720

Square

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



39.3125, 0.2904, 0.3741



39.3125, 0.2451, 0.2782



39.3125, 0.3325, 0.2894



39.3125, 0.3846, 0.3757

Rectangle

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



39.3125, 0.2904, 0.3741



39.3125, 0.2476, 0.3148



39.3125, 0.3325, 0.2894



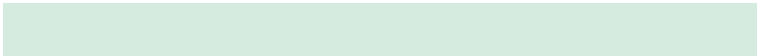
39.3125, 0.3823, 0.3366

Sweetspot

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



39.3141, 0.2904, 0.3741



78.7480, 0.3057, 0.3413



41.1880, 0.3346, 0.4084



16.8932, 0.3046, 0.3433



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.



39.3141, 0.2904, 0.3741



69.3684, 0.2860, 0.3860



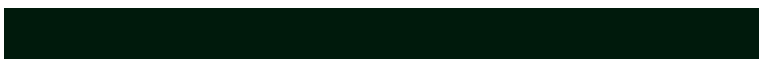
40.2660, 0.2720, 0.3329



9.5533, 0.3055, 0.3415



23.2342, 0.2752, 0.5107



0.7429, 0.2600, 0.4561

Inverse Universe

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



27.0063, 0.3435, 0.2880



43.4177, 0.3528, 0.2786



26.2164, 0.3751, 0.3253



8.5791, 0.3206, 0.3168



7.3853, 0.4772, 0.2403



0.2440, 0.4226, 0.2102

Previews

White Background



This preview shows how the Yxy color 39.3125, 0.2904, 0.3741 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 39.3125, 0.2904, 0.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

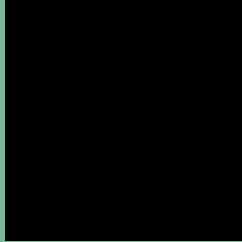
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3125, 0.2904, 0.3741

Background



This preview shows how black text looks on a background with the Yxy color 39.3125, 0.2904, 0.3741.



This preview shows how white text looks on a background with the Yxy color 39.3125, 0.2904, 0.3741.

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

39.3125, 0.2904, 0.3741

Protanopia

38.8812, 0.3416, 0.3614

Deuteranopia

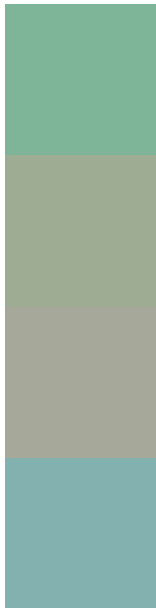
39.0260, 0.3454, 0.3385



Tritanopia

39.4024, 0.2690, 0.3086

Trichromacy



Original Color

39.3125, 0.2904, 0.3741

Protanomaly

38.8807, 0.3209, 0.3657

Deuteranomaly

38.8160, 0.3228, 0.3505

Tritanomaly

39.3647, 0.2767, 0.3319

Monochromacy



Original Color

39.3125, 0.2904, 0.3741

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.7355, 0.3038, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3125, 0.2904, 0.3741 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(126, 180, 151)` looks like.

```
.text, #text, p{  
    color:rgb(126, 180, 151)  
}
```

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(126, 180, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 180, 151) }
```

Border

The CSS property to change the border of an element to Yxy 39.3125, 0.2904, 0.3741 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(126, 180, 151) }
```

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

```
.border{ border-color:rgb(126, 180, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 180, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 180, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 180, 151);  
box-shadow:4px 4px 4px 4px rgb(126, 180,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3125, 0.2904, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 180, 151) }
```

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

```
.background{ background-color: rgb(126,  
180, 151) }
```

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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