

Converting Colors

$Yxy(36.5406, 0.2939, 0.3729)$

Have a look what the booklet for
Yxy(36.5406, 0.2939, 0.3729)
contains.

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Color

Yxy(36.3981, 0.2937, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	7EAD92
RGB	126, 173, 146
RGB Percent	49%, 68%, 57%
CMY	0.5059, 0.3216, 0.4274
CMYK	0.27, 0.00, 0.16, 0.32
HSL	146°, 22%, 59%
HSV	146°, 27%, 68%
XYZ	28.7369, 36.3981, 32.7094
YIQ	155.8690, -19.3450, -18.3610

Conversions

Conversions Part 2

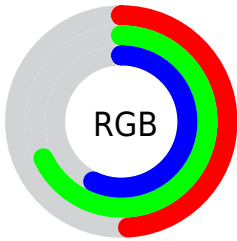
Format	Color
R _{YB}	126, 159, 173
Decimal	8301970
CIE Lab	66.82, -21.41, 8.85
CIE LCh	67, 23.167, 157.539
Yxy	36.3981, 0.2937, 0.3720
Android (android.graphics.Color)	4286492050 (0xFF7EAD92)
YUV	155.8690, -4.8654, -26.1951
Hunter-Lab	60.3308, -20.5555, 10.0865

Details

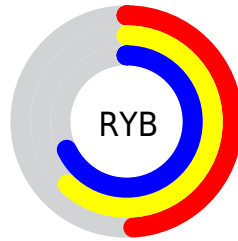
The Yxy color $36.3981, 0.2937, 0.3720$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $26.1066, 0.3378, 0.2897$, and the grayscale version is $33.2140, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.9121, 0.2978, 0.3636$, and $15.7733, 0.2861, 0.3848$ is the 20% darker color. If you saturate the color by 10%, you get $34.9002, 0.2875, 0.3910$, and if you desaturate by 10%, it is $38.1533, 0.3005, 0.3547$.

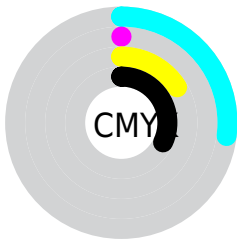
Distribution



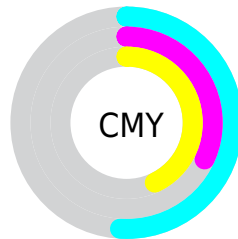
- Red (49%)
- Green (68%)
- Blue (57%)



- Red (49%)
- Yellow (62%)
- Blue (68%)



- Cyan (27%)
- Magenta (0%)
- Yellow (16%)
- Black (32%)





- Cyan (51%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3981, 0.2937, 0.3720 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 36.3981, 0.2937, 0.3720 by changing the saturation by 10% instead.


 36.3981, 0.2937,
0.3720


 36.3981, 0.2937,
0.3720


330.6972, 0.3039,
0.3490


 24.7418, 0.2909,
0.3783


 69.6461, 0.2976,
0.3632

 15.8848, 0.2871,
0.3868


 92.0066, 0.2990,
0.3601

 9.4427, 0.2818,
0.3987


 118.7039, 0.3002,
0.3574

 5.0310, 0.2737,
0.4169

150.1225, 0.3011,
0.3552

 2.2655, 0.2600,
0.4475

186.6467, 0.3020,
0.3533

 0.7553, 0.1692,
0.6544

228.6610, 0.3027,

 0.0000, 0.0000,

0.3517

0.0000

276.5497, 0.3033,
0.3502

■ 36.3981, 0.2937,
0.3720

■ 36.3981, 0.2937,
0.3720

■ 34.9002, 0.2875,
0.3910

■ 38.1533, 0.3005,
0.3547

■ 33.6428, 0.2821,
0.4114

■ 40.1728, 0.3076,
0.3391

■ 32.6138, 0.2780,
0.4329

■ 42.4690, 0.3148,
0.3252

■ 31.7984, 0.2753,
0.4551

■ 45.0520, 0.3219,
0.3129

■ 31.1800, 0.2744,
0.4773

■ 47.9315, 0.3289,
0.3021

■ 30.7393, 0.2754,
0.4987

■ 51.1166, 0.3356,
0.2927

■ 30.4480, 0.2781,
0.5186

■ 54.6162, 0.3420,
0.2844

■ 30.3778, 0.2789,
0.5240

■ 56.6112, 0.3402,
0.2758

■ 57.1710, 0.3320,
0.2664

Harmonies

Analogous

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



36.3981, 0.3286, 0.3902



36.3981, 0.2937, 0.3720



36.3981, 0.2650, 0.3403

Triad

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



36.3981, 0.2937, 0.3720



36.3981, 0.2651, 0.2719



36.3981, 0.3808, 0.3446

Complementary

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



36.3981, 0.2937, 0.3720



26.1066, 0.3378, 0.2897

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.



36.3981, 0.3619, 0.3158



36.3981, 0.2937, 0.3720



36.3981, 0.2939, 0.2752

Square

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



36.3981, 0.2937, 0.3720



36.3981, 0.2492, 0.2827



36.3981, 0.3294, 0.2910



36.3981, 0.3800, 0.3715

Rectangle

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



36.3981, 0.2937, 0.3720



36.3981, 0.2527, 0.3176



36.3981, 0.3294, 0.2910



36.3981, 0.3765, 0.3349

Sweetspot

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



36.3996, 0.2937, 0.3720



71.5723, 0.3069, 0.3406



38.2077, 0.3341, 0.3998



15.4336, 0.3058, 0.3428



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



36.3996, 0.2937, 0.3720



63.4159, 0.2896, 0.3840



37.1917, 0.2766, 0.3349



8.9938, 0.3060, 0.3423



22.3273, 0.2783, 0.5220



0.6322, 0.2611, 0.4599

Inverse Universe

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



26.1066, 0.3378, 0.2897



41.6798, 0.3456, 0.2800



25.4165, 0.3653, 0.3233



8.0895, 0.3200, 0.3161



7.2051, 0.4619, 0.2318



0.2111, 0.4087, 0.2025

Previews

White Background



This preview shows how the Yxy color 36.3981, 0.2937, 0.3720 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 36.3981, 0.2937, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

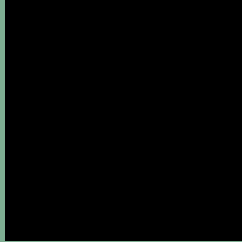
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3981, 0.2937, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 36.3981, 0.2937, 0.3720.



This preview shows how white text looks on a background with the Yxy color 36.3981, 0.2937, 0.3720.

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

36.3981, 0.2937, 0.3720

Protanopia

36.2802, 0.3405, 0.3609

Deuteranopia

35.8919, 0.3456, 0.3388



Tritanopia

36.3280, 0.2727, 0.3095

Trichromacy



Original Color

36.3981, 0.2937, 0.3720

Protanomaly

36.0955, 0.3223, 0.3653

Deuteranomaly

35.6602, 0.3252, 0.3497

Tritanomaly

36.3224, 0.2801, 0.3320

Monochromacy



Original Color

36.3981, 0.2937, 0.3720

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.1274, 0.3054, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3981, 0.2937, 0.3720 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, 173, 146)` looks like.

```
.text, #text, p{  
    color:rgb(126, 173, 146)  
}
```

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, 173, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 173, 146) }
```

Border

The CSS property to change the border of an element to Yxy 36.3981, 0.2937, 0.3720 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, 173, 146) }
```

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

```
.border{ border-color:rgb(126, 173, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 173, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 173, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 173, 146);  
box-shadow:4px 4px 4px 4px rgb(126, 173,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3981, 0.2937, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 173, 146) }
```

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

```
.background{ background-color: rgb(126,  
173, 146) }
```

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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