

Converting Colors

Yxy(37.4043, 0.2985, 0.4367)

Have a look what the booklet for
Yxy(37.4043, 0.2985, 0.4367)
contains.

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Color

$\text{Yxy}(37.3354, 0.2987, 0.4362)$

Conversions

Conversions Part 1

Format	Color
Hex	69B575
RGB	105, 181, 117
RGB Percent	41%, 71%, 46%
CMY	0.5880, 0.2902, 0.5411
CMYK	0.42, 0.00, 0.35, 0.29
HSL	129°, 34%, 56%
HSV	129°, 42%, 71%
XYZ	25.5664, 37.3354, 22.6905
YIQ	150.9800, -24.7520, -36.0160

Conversions

Conversions Part 2

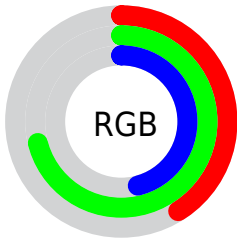
Format	Color
RYB	105, 171, 181
Decimal	6927733
CIELab	67.53, -37.27, 25.44
CIELCh	68, 45.127, 145.686
Yxy	37.3354, 0.2987, 0.4362
Android (android.graphics.Color)	4285117813 (0xFF69B575)
YUV	150.9800, -16.7521, -40.3245
Hunter-Lab	61.1027, -32.2422, 20.7545

Details

The Yxy color **37.3354, 0.2987, 0.4362** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **22.8061, 0.3313, 0.2416**, and the grayscale version is **31.0266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8416, 0.3020, 0.4127**, and **16.2999, 0.2908, 0.4740** is the 20% darker color. If you saturate the color by 10%, you get **36.0243, 0.2961, 0.4671**, and if you desaturate by 10%, it is **38.9414, 0.3018, 0.4067**.

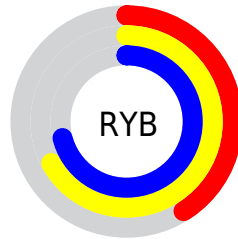
Distribution



Red (41%)

Green (71%)

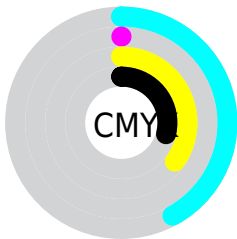
Blue (46%)



Red (41%)

Yellow (67%)

Blue (71%)

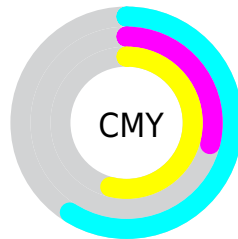


Cyan (42%)

Magenta (0%)

Yellow (35%)

Black (29%)



Cyan (59%)


Magenta (29%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3354, 0.2987, 0.4362 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 37.3354, 0.2987, 0.4362 by changing the saturation by 10% instead.


 37.3354, 0.2987,
0.4362


 37.3354, 0.2987,
0.4362


334.7603, 0.3077,
0.3774

 25.4673, 0.2956,
0.4527


 71.0883, 0.3026,
0.4135

 16.4255, 0.2910,
0.4749


 93.7419, 0.3038,
0.4054

 9.8258, 0.2838,
0.5066


 120.7595, 0.3048,
0.3987

 5.2836, 0.2712,
0.5545

 152.5254, 0.3056,
0.3931

 2.4146, 0.2544,
0.6549

189.4240, 0.3063,
0.3883

 0.8334, 0.0000,
1.0000

231.8398, 0.3069,

 0.0000, 0.0000,

0.3842

0.0000

280.1571, 0.3073,
0.3806

■ 37.3354, 0.2987,
0.4362

■ 37.3354, 0.2987,
0.4362

■ 36.0243, 0.2961,
0.4671

■ 38.9414, 0.3018,
0.4067

■ 34.9855, 0.2943,
0.4982

■ 40.8539, 0.3051,
0.3794

■ 34.2011, 0.2934,
0.5276


■ 43.0893, 0.3086,
0.3548

■ 33.6485, 0.2937,
0.5535

■ 45.6619, 0.3121,
0.3329

■ 33.3015, 0.2949,
0.5741

■ 48.5848, 0.3154,
0.3138

 33.1312, 0.2962,
0.5863

 51.8704, 0.3185,
0.2971

 55.5308, 0.3215,
0.2827

 59.5772, 0.3242,
0.2702

 61.4790, 0.3167,
0.2572

Harmonies

Analogous

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



37.3354, 0.3643, 0.4533



37.3354, 0.2987, 0.4362



37.3354, 0.2403, 0.3773

Triad

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



37.3354, 0.2987, 0.4362



37.3354, 0.2107, 0.2280



37.3354, 0.4349, 0.3319

Complementary

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



37.3354, 0.2987, 0.4362



22.8061, 0.3313, 0.2416

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.



37.3354, 0.3843, 0.2840



37.3354, 0.2987, 0.4362



37.3354, 0.2526, 0.2267

Square

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



37.3354, 0.2987, 0.4362



37.3354, 0.1939, 0.2541



37.3354, 0.3153, 0.2468



37.3354, 0.4470, 0.3832

Rectangle

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



37.3354, 0.2987, 0.4362



37.3354, 0.2129, 0.3294



37.3354, 0.3153, 0.2468



37.3354, 0.4217, 0.3152

Sweetspot

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



37.3370, 0.2987, 0.4362



76.6381, 0.3082, 0.3577



42.5685, 0.3635, 0.4350



16.3681, 0.3074, 0.3630



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.



37.3370, 0.2987, 0.4362



64.7610, 0.2964, 0.4637



38.3995, 0.2732, 0.3717



9.5112, 0.3095, 0.3487



22.8487, 0.2958, 0.5848



0.7256, 0.2836, 0.5410

Inverse Universe

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



22.8061, 0.3313, 0.2416



35.3524, 0.3364, 0.2246



21.5957, 0.3806, 0.2909



8.6233, 0.3161, 0.3100



8.3556, 0.3644, 0.1781



0.2691, 0.3505, 0.1704

Previews

White Background



This preview shows how the Yxy color 37.3354, 0.2987, 0.4362 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 37.3354, 0.2987, 0.4362 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 37.3354, 0.2987, 0.4362

Background



This preview shows how black text looks on a background with the Yxy color 37.3354, 0.2987, 0.4362.



This preview shows how white text looks on a background with the Yxy color 37.3354, 0.2987, 0.4362.

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

37.3354, 0.2987, 0.4362

Protanopia

37.0238, 0.3747, 0.4053

Deuteranopia

36.8565, 0.3834, 0.3762



Tritanopia

37.0433, 0.2606, 0.3078

Trichromacy



Original Color

37.3354, 0.2987, 0.4362

Protanomaly

36.5210, 0.3433, 0.4163

Deuteranomaly

36.2056, 0.3486, 0.3978

Tritanomaly

36.8780, 0.2745, 0.3511

Monochromacy



Original Color

37.3354, 0.2987, 0.4362

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.7731, 0.3063, 0.3662

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3354, 0.2987, 0.4362 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(105, 181, 117)` looks like.

```
.text, #text, p{  
    color:rgb(105, 181, 117)  
}
```

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(105, 181, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 181, 117) }
```

Border

The CSS property to change the border of an element to Yxy 37.3354, 0.2987, 0.4362 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(105, 181, 117) }
```

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

```
.border{ border-color:rgb(105, 181, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 181, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 181, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 181, 117);  
box-shadow:4px 4px 4px 4px rgb(105, 181,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3354, 0.2987, 0.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 181, 117) }
```

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

```
.background{ background-color: rgb(105,  
181, 117) }
```

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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