

Converting Colors

Yxy(35.7146, 0.3337, 0.4903)

Have a look what the booklet for
Yxy(35.7146, 0.3337, 0.4903)
contains.

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Color

Yxy(35.7073, 0.3337, 0.4903)

Conversions

Conversions Part 1

Format	Color
Hex	74B14E
RGB	116, 177, 78
RGB Percent	45%, 69%, 31%
CMY	0.5450, 0.3059, 0.6941
CMYK	0.34, 0.00, 0.56, 0.31
HSL	97°, 39%, 50%
HSV	97°, 56%, 69%
XYZ	24.3025, 35.7073, 12.8176
YIQ	147.4750, -4.5770, -43.7210

Conversions

Conversions Part 2

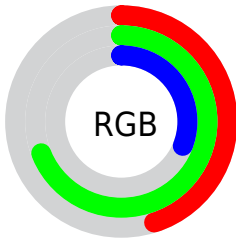
Format	Color
RYB	78, 177, 139
Decimal	7647566
CIELab	66.30, -37.37, 43.87
CIELCh	66, 57.629, 130.426
Yxy	35.7073, 0.3337, 0.4903
Android (android.graphics.Color)	4285837646 (0xFF74B14E)
YUV	147.4750, -34.2512, -27.6036
Hunter-Lab	59.7556, -31.9766, 29.1111

Details

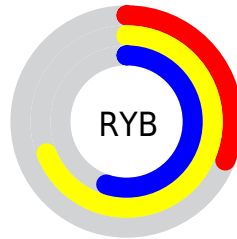
The Yxy color **35.7073, 0.3337, 0.4903** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **14.1082, 0.2710, 0.1795**, and the grayscale version is **29.5340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5475, 0.3326, 0.4563**, and **15.5140, 0.3306, 0.5468** is the 20% darker color. If you saturate the color by 10%, you get **34.7843, 0.3340, 0.5190**, and if you desaturate by 10%, it is **36.7894, 0.3318, 0.4596**.

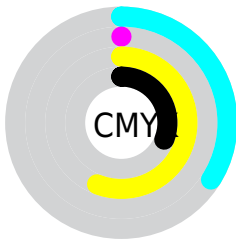
Distribution



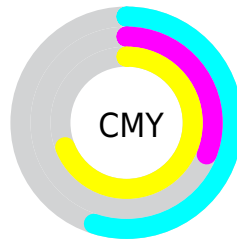
- Red (45%)
- Green (69%)
- Blue (31%)



- Red (31%)
- Yellow (69%)
- Blue (55%)



- Cyan (34%)
- Magenta (0%)
- Yellow (56%)
- Black (31%)




- Cyan (55%)
- Magenta (31%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7073, 0.3337, 0.4903 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 35.7073, 0.3337, 0.4903 by changing the saturation by 10% instead.


 35.7073, 0.3337,
0.4903


 35.7073, 0.3337,
0.4903


327.6794, 0.3272,
0.4019


 24.2082, 0.3332,
0.5143


 68.5801, 0.3327,
0.4565


 15.4882, 0.3310,
0.5459


 90.7225, 0.3319,
0.4443


 9.1627, 0.3247,
0.5885


 117.1816, 0.3310,
0.4342

 4.8475, 0.3187,
0.6672

 148.3416, 0.3301,
0.4257

 2.1580, 0.2710,
0.7290

 184.5870, 0.3293,
0.4184

 0.6970, 0.0000,
1.0000

226.3022, 0.3286,

 0.0000, 0.0000,

0.4121

0.0000

273.8715, 0.3278,
0.4067

■ 35.7073, 0.3337,
0.4903

■ 35.7073, 0.3337,
0.4903

■ 34.7843, 0.3340,
0.5190

■ 36.7894, 0.3318,
0.4596

■ 34.0071, 0.3326,
0.5440

■ 38.0337, 0.3287,
0.4285

■ 33.3676, 0.3293,
0.5638

■ 39.4492, 0.3248,
0.3983

■ 32.8539, 0.3246,
0.5775

■ 41.0426, 0.3203,
0.3698

■ 32.6727, 0.3226,
0.5821

■ 42.8204, 0.3156,
0.3435

■ 44.7884, 0.3108,
0.3196

■ 46.9526, 0.3060,
0.2982

■ 49.3184, 0.3015,
0.2791

■ 51.8910, 0.2971,
0.2621

Harmonies

Analogous

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



35.7073, 0.4129, 0.4751



35.7073, 0.3337, 0.4903



35.7073, 0.2533, 0.4387

Triad

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



35.7073, 0.3337, 0.4903



35.7073, 0.1716, 0.2136



35.7073, 0.4428, 0.2986

Complementary

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



35.7073, 0.3337, 0.4903



14.1082, 0.2710, 0.1795

Split Complementary

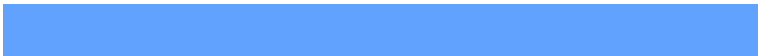
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35.7073, 0.3595, 0.2467



35.7073, 0.3337, 0.4903



35.7073, 0.2065, 0.1992

Square

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



35.7073, 0.3337, 0.4903



35.7073, 0.1668, 0.2607



35.7073, 0.2716, 0.2116



35.7073, 0.4844, 0.3592

Rectangle

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



35.7073, 0.3337, 0.4903



35.7073, 0.2102, 0.3763



35.7073, 0.2716, 0.2116



35.7073, 0.4180, 0.2800

Sweetspot

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



35.7088, 0.3337, 0.4903



73.1013, 0.3210, 0.3735



27.9014, 0.4223, 0.4134



15.7184, 0.3218, 0.3790



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.7088, 0.3337, 0.4903



61.9689, 0.3339, 0.5249



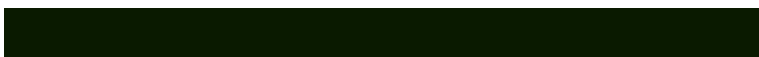
33.7661, 0.2987, 0.4892



9.6439, 0.3172, 0.3521



23.7056, 0.3233, 0.5815



0.7801, 0.3470, 0.5627

Inverse Universe

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



14.1082, 0.2710, 0.1795



19.4112, 0.2586, 0.1501



17.5887, 0.3316, 0.2095



8.4805, 0.3078, 0.3061



4.6912, 0.2279, 0.1029



0.1799, 0.2543, 0.1175

Previews

White Background



This preview shows how the Yxy color 35.7073, 0.3337, 0.4903 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 35.7073, 0.3337, 0.4903 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 35.7073, 0.3337, 0.4903

Background



This preview shows how black text looks on a background with the Yxy color 35.7073, 0.3337, 0.4903.



This preview shows how white text looks on a background with the Yxy color 35.7073, 0.3337, 0.4903.

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

35.7073, 0.3337, 0.4903

Protanopia

35.4358, 0.4080, 0.4475

Deuteranopia

35.3087, 0.4248, 0.4160



Tritanopia

35.4733, 0.2724, 0.3078

Trichromacy



Original Color

35.7073, 0.3337, 0.4903

Protanomaly

35.1140, 0.3782, 0.4642

Deuteranomaly

34.7747, 0.3900, 0.4433

Tritanomaly

35.1682, 0.2959, 0.3725

Monochromacy



Original Color

35.7073, 0.3337, 0.4903

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

31.0931, 0.3235, 0.3885

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7073, 0.3337, 0.4903 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(116, 177, 78)` looks like.

```
.text, #text, p{  
    color:rgb(116, 177, 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(116, 177, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 177, 78) }
```

Border

The CSS property to change the border of an element to Yxy 35.7073, 0.3337, 0.4903 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(116, 177, 78) }
```

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

```
.border{ border-color:rgb(116, 177, 78) }
```

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

Here you see how a box with a 4 pixel rgb(116, 177, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 177, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 177, 78);  
box-shadow:4px 4px 4px 4px rgb(116, 177,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7073, 0.3337, 0.4903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 177, 78) }
```

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

```
.background{ background-color: rgb(116,  
177, 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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