

Converting Colors

Yxy(35.3364, 0.3219, 0.4873)

Have a look what the booklet for
Yxy(35.3364, 0.3219, 0.4873)
contains.

Yxy(35.1330, 0.3221, 0.4873)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.1330, 0.3221, 0.4873)

Conversions

Conversions Part 1

Format	Color
Hex	6AB153
RGB	106, 177, 83
RGB Percent	42%, 69%, 33%
CMY	0.5845, 0.3058, 0.6745
CMYK	0.40, 0.00, 0.53, 0.31
HSL	105°, 38%, 51%
HSV	105°, 53%, 69%
XYZ	23.2225, 35.1330, 13.7417
YIQ	145.0550, -12.1420, -44.2860

Conversions

Conversions Part 2

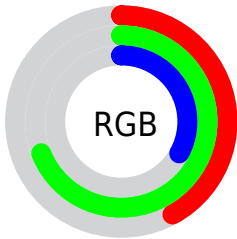
Format	Color
RYB	83, 177, 154
Decimal	6992211
CIELab	65.85, -40.23, 40.80
CIELCh	66, 57.302, 134.595
Yxy	35.1330, 0.3221, 0.4873
Android (android.graphics.Color)	4285182291 (0xFF6AB153)
YUV	145.0550, -30.5931, -34.2512
Hunter-Lab	59.2731, -33.7936, 27.7455

Details

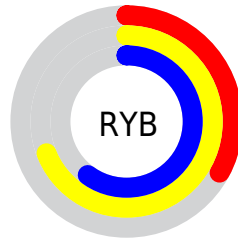
The Yxy color **35.1330, 0.3221, 0.4873** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **16.2396, 0.2899, 0.1932**, and the grayscale version is **28.4652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6042, 0.3230, 0.4530**, and **15.2289, 0.3161, 0.5441** is the 20% darker color. If you saturate the color by 10%, you get **34.1387, 0.3215, 0.5187**, and if you desaturate by 10%, it is **36.3280, 0.3217, 0.4545**.

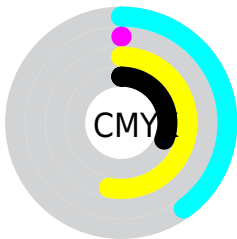
Distribution



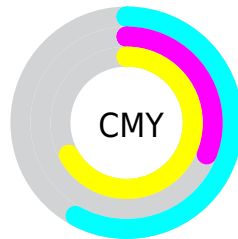
- Red (42%)
- Green (69%)
- Blue (33%)



- Red (33%)
- Yellow (69%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (53%)
- Black (31%)





- Cyan (58%)
- Magenta (31%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1330, 0.3221, 0.4873 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 35.1330, 0.3221, 0.4873 by changing the saturation by 10% instead.


 35.1330, 0.3221,
0.4873


 35.1330, 0.3221,
0.4873


325.1550, 0.3213,
0.3997


 23.7653, 0.3203,
0.5116

 67.6918, 0.3231,
0.4535

 15.1596, 0.3166,
0.5440


 89.6516, 0.3230,
0.4414


 8.9315, 0.3085,
0.5886


 115.9111, 0.3228,
0.4314

 4.6965, 0.2968,
0.6658

 146.8544, 0.3226,
0.4230

 2.0703, 0.2489,
0.7511

 182.8661, 0.3223,
0.4159

 0.6479, 0.0000,
1.0000

224.3305, 0.3219,

 0.0000, 0.0000,

0.4097

0.0000

271.6320, 0.3216,
0.4044

■ 35.1330, 0.3221,
0.4873

■ 35.1330, 0.3221,
0.4873

■ 34.1387, 0.3215,
0.5187

■ 36.3280, 0.3217,
0.4545

■ 33.3293, 0.3196,
0.5466

■ 37.7297, 0.3204,
0.4220

■ 32.6936, 0.3166,
0.5690

■ 39.3491, 0.3184,
0.3910

■ 32.2173, 0.3126,
0.5846

■ 41.1952, 0.3161,
0.3624

■ 31.9669, 0.3099,
0.5922

■ 43.2766, 0.3135,
0.3365

■ 45.6012, 0.3109,
0.3134

■ 48.1768, 0.3082,
0.2929

■ 51.0106, 0.3056,
0.2749

■ 54.1096, 0.3031,
0.2592

Harmonies

Analogous

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



35.1330, 0.4027, 0.4803



35.1330, 0.3221, 0.4873



35.1330, 0.2433, 0.4267

Triad

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



35.1330, 0.3221, 0.4873



35.1330, 0.1747, 0.2098



35.1330, 0.4517, 0.3067

Complementary

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



35.1330, 0.3221, 0.4873



16.2396, 0.2899, 0.1932

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.



35.1330, 0.3722, 0.2531



35.1330, 0.3221, 0.4873



35.1330, 0.2138, 0.1994

Square

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



35.1330, 0.3221, 0.4873



35.1330, 0.1657, 0.2520



35.1330, 0.2828, 0.2152



35.1330, 0.4856, 0.3680

Rectangle

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



35.1330, 0.3221, 0.4873



35.1330, 0.2029, 0.3626



35.1330, 0.2828, 0.2152



35.1330, 0.4288, 0.2876

Sweetspot

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



35.1345, 0.3221, 0.4873



72.6765, 0.3169, 0.3712



32.9232, 0.4049, 0.4276



15.6055, 0.3174, 0.3768



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.



35.1345, 0.3221, 0.4873



60.8182, 0.3212, 0.5246



34.3396, 0.2903, 0.4548



9.5869, 0.3152, 0.3523



23.1820, 0.3105, 0.5917



0.7570, 0.3314, 0.5750

Inverse Universe

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



16.2396, 0.2899, 0.1932



23.2380, 0.2826, 0.1665



17.8528, 0.3498, 0.2311



8.5402, 0.3100, 0.3063



5.9901, 0.2607, 0.1210



0.2136, 0.2784, 0.1307

Previews

White Background



This preview shows how the Yxy color 35.1330, 0.3221, 0.4873 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 35.1330, 0.3221, 0.4873 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 35.1330, 0.3221, 0.4873

Background



This preview shows how black text looks on a background with the Yxy color 35.1330, 0.3221, 0.4873.



This preview shows how white text looks on a background with the Yxy color 35.1330, 0.3221, 0.4873.

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

35.1330, 0.3221, 0.4873

Protanopia

34.5622, 0.4045, 0.4418

Deuteranopia

34.6640, 0.4181, 0.4103



Tritanopia

35.1437, 0.2657, 0.3090

Trichromacy



Original Color

35.1330, 0.3221, 0.4873

Protanomaly

34.4163, 0.3718, 0.4601

Deuteranomaly

33.8592, 0.3802, 0.4384

Tritanomaly

34.9521, 0.2871, 0.3715

Monochromacy



Original Color

35.1330, 0.3221, 0.4873

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

30.3444, 0.3187, 0.3879

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1330, 0.3221, 0.4873 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(106, 177, 83)` looks like.

```
.text, #text, p{  
    color:rgb(106, 177, 83)  
}
```

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(106, 177, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 177, 83) }
```

Border

The CSS property to change the border of an element to Yxy 35.1330, 0.3221, 0.4873 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(106, 177, 83) }
```

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

```
.border{ border-color:rgb(106, 177, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 177, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 177, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 177, 83);  
box-shadow:4px 4px 4px 4px rgb(106, 177,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1330, 0.3221, 0.4873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 177, 83) }
```

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

```
.background{ background-color: rgb(106,  
177, 83) }
```

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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