

Converting Colors

$Yxy(36.0746, 0.3369, 0.5275)$

Have a look what the booklet for
Yxy(36.0746, 0.3369, 0.5275)
contains.

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Color

Yxy(36.0347, 0.3374, 0.5275)

Conversions

Conversions Part 1

Format	Color
Hex	6BB436
RGB	107, 180, 54
RGB Percent	42%, 71%, 21%
CMY	0.5805, 0.2941, 0.7883
CMYK	0.41, 0.00, 0.70, 0.29
HSL	95°, 54%, 46%
HSV	95°, 70%, 71%
XYZ	23.0485, 36.0347, 9.2290
YIQ	143.8090, -3.0620, -54.6620

Conversions

Conversions Part 2

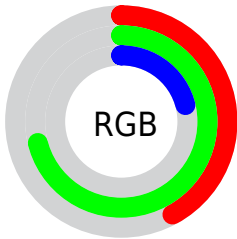
Format	Color
RYB	54, 180, 127
Decimal	7058486
CIELab	66.55, -44.01, 54.47
CIELCh	67, 70.024, 128.936
Yxy	36.0347, 0.3374, 0.5275
Android (android.graphics.Color)	4285248566 (0xFF6BB436)
YUV	143.8090, -44.2758, -32.2815
Hunter-Lab	60.0289, -36.5142, 32.9049

Details

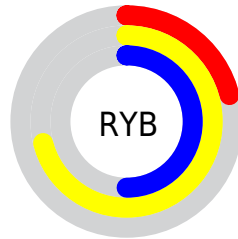
The Yxy color **36.0347, 0.3374, 0.5275** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **10.4465, 0.2509, 0.1431**, and the grayscale version is **27.9901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8601, 0.3376, 0.4862**, and **15.5998, 0.3260, 0.5794** is the 20% darker color. If you saturate the color by 10%, you get **35.2894, 0.3355, 0.5500**, and if you desaturate by 10%, it is **36.9237, 0.3374, 0.5006**.

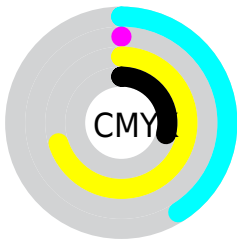
Distribution



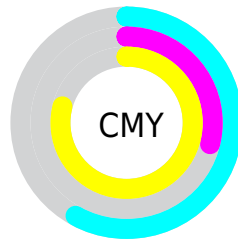
- Red (42%)
- Green (71%)
- Blue (21%)



- Red (21%)
- Yellow (71%)
- Blue (50%)



- Cyan (41%)
- Magenta (0%)
- Yellow (70%)
- Black (29%)




- Cyan (58%)
- Magenta (29%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0347, 0.3374, 0.5275 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 36.0347, 0.3374, 0.5275 by changing the saturation by 10% instead.


 36.0347, 0.3374,
0.5275


 36.0347, 0.3374,
0.5275


329.1122, 0.3319,
0.4193


 24.4610, 0.3352,
0.5559


 69.0856, 0.3377,
0.4867


 15.6759, 0.3297,
0.5921


 91.3316, 0.3371,
0.4717


 9.2951, 0.3184,
0.6405


 117.9039, 0.3363,
0.4593

 4.9342, 0.2944,
0.7056

 149.1867, 0.3354,
0.4487

 2.2087, 0.2319,
0.7681

 185.5646, 0.3344,
0.4398

 0.7247, 0.0000,
1.0000

 227.4218, 0.3335,

 0.0000, 0.0000,

0.4320

0.0000

275.1429, 0.3327,
0.4252

■ 36.0347, 0.3374,
0.5275

■ 36.0347, 0.3374,
0.5275

■ 35.2894, 0.3355,
0.5500

■ 36.9237, 0.3374,
0.5006

■ 34.6731, 0.3317,
0.5670

■ 37.9605, 0.3356,
0.4711

■ 34.1694, 0.3266,
0.5789

■ 39.1547, 0.3325,
0.4405

■ 40.5136, 0.3283,
0.4101

■ 42.0439, 0.3234,
0.3810

■ 43.7520, 0.3181,
0.3539

■ 45.6439, 0.3127,
0.3290

■ 47.7254, 0.3074,
0.3065

■ 50.0018, 0.3022,
0.2864

Harmonies

Analogous

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



36.0347, 0.4300, 0.4966



36.0347, 0.3374, 0.5275



36.0347, 0.2434, 0.4707

Triad

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



36.0347, 0.3374, 0.5275



36.0347, 0.1482, 0.1944



36.0347, 0.4658, 0.2876

Complementary

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



36.0347, 0.3374, 0.5275



10.4465, 0.2509, 0.1431

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.



36.0347, 0.3623, 0.2298



36.0347, 0.3374, 0.5275



36.0347, 0.1853, 0.1781

Square

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



36.0347, 0.3374, 0.5275



36.0347, 0.1436, 0.2487



36.0347, 0.2580, 0.1913



36.0347, 0.5174, 0.3551

Rectangle

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



36.0347, 0.3374, 0.5275



36.0347, 0.1930, 0.3919



36.0347, 0.2580, 0.1913



36.0347, 0.4347, 0.2668

Sweetspot

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



36.0363, 0.3374, 0.5275



75.8338, 0.3241, 0.3849



24.7392, 0.4597, 0.4232



16.2236, 0.3254, 0.3926



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.



36.0363, 0.3374, 0.5275



63.3466, 0.3336, 0.5600



33.7816, 0.2988, 0.5392



9.6589, 0.3177, 0.3521



23.8838, 0.3275, 0.5782



0.7861, 0.3508, 0.5596

Inverse Universe

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



10.4465, 0.2509, 0.1431



13.9817, 0.2338, 0.1146



15.3051, 0.3312, 0.1840



8.4652, 0.3073, 0.3061



4.4072, 0.2200, 0.0986



0.1721, 0.2482, 0.1141

Previews

White Background



This preview shows how the Yxy color 36.0347, 0.3374, 0.5275 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 36.0347, 0.3374, 0.5275 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 36.0347, 0.3374, 0.5275

Background



This preview shows how black text looks on a background with the Yxy color 36.0347, 0.3374, 0.5275.



This preview shows how white text looks on a background with the Yxy color 36.0347, 0.3374, 0.5275.

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

36.0347, 0.3374, 0.5275

Protanopia

35.4148, 0.4250, 0.4685

Deuteranopia

35.4320, 0.4442, 0.4355



Tritanopia

35.8183, 0.2668, 0.3077

Trichromacy



Original Color

36.0347, 0.3374, 0.5275

Protanomaly

35.0166, 0.3897, 0.4919

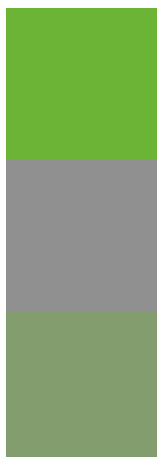
Deuteranomaly

34.6276, 0.4024, 0.4701

Tritanomaly

35.1763, 0.2963, 0.3899

Monochromacy



Original Color

36.0347, 0.3374, 0.5275

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

30.0869, 0.3285, 0.4069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0347, 0.3374, 0.5275 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(107, 180, 54)` looks like.

```
.text, #text, p{  
    color:rgb(107, 180, 54)  
}
```

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(107, 180, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 180, 54) }
```

Border

The CSS property to change the border of an element to Yxy 36.0347, 0.3374, 0.5275 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(107, 180, 54) }
```

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

```
.border{ border-color:rgb(107, 180, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 180, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 180, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 180, 54);  
box-shadow:4px 4px 4px 4px rgb(107, 180,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0347, 0.3374, 0.5275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 180, 54) }
```

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

```
.background{ background-color: rgb(107,  
180, 54) }
```

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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