

Converting Colors

Yxy(36.6525, 0.3334, 0.5163)

Have a look what the booklet for
Yxy(36.6525, 0.3334, 0.5163)
contains.

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Color

Yxy(36.6061, 0.3333, 0.5162)

Conversions

Conversions Part 1

Format	Color
Hex	6CB540
RGB	108, 181, 64
RGB Percent	42%, 71%, 25%
CMY	0.5764, 0.2902, 0.7489
CMYK	0.40, 0.00, 0.65, 0.29
HSL	97°, 48%, 48%
HSV	97°, 65%, 71%
XYZ	23.6358, 36.6061, 10.6726
YIQ	145.8350, -5.9510, -51.8630

Conversions

Conversions Part 2

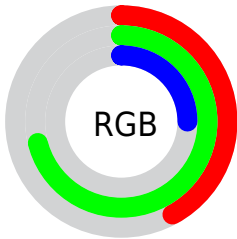
Format	Color
RYB	64, 181, 137
Decimal	7124288
CIELab	66.98, -43.25, 50.85
CIELCh	67, 66.760, 130.381
Yxy	36.6061, 0.3333, 0.5162
Android (android.graphics.Color)	4285314368 (0xFF6CB540)
YUV	145.8350, -40.3447, -33.1813
Hunter-Lab	60.5030, -36.1482, 31.8934

Details

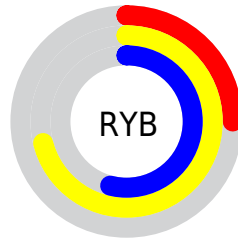
The Yxy color **36.6061, 0.3333, 0.5162** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **12.3233, 0.2633, 0.1583**, and the grayscale version is **28.8469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7452, 0.3337, 0.4768**, and **15.9088, 0.3274, 0.5783** is the 20% darker color. If you saturate the color by 10%, you get **35.7710, 0.3320, 0.5419**, and if you desaturate by 10%, it is **37.6029, 0.3329, 0.4870**.

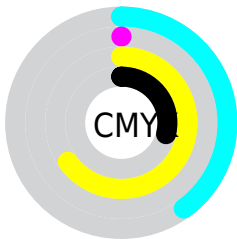
Distribution



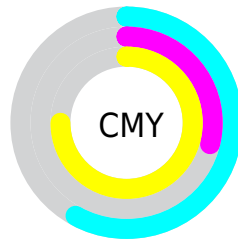
- Red (42%)
- Green (71%)
- Blue (25%)



- Red (25%)
- Yellow (71%)
- Blue (54%)



- Cyan (40%)
- Magenta (0%)
- Yellow (65%)
- Black (29%)




- Cyan (58%)
- Magenta (29%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6061, 0.3333, 0.5162 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 36.6061, 0.3333, 0.5162 by changing the saturation by 10% instead.


 36.6061, 0.3333,
0.5162


 36.6061, 0.3333,
0.5162

331.6020, 0.3289,
0.4139


 24.9027, 0.3314,
0.5434


 69.9665, 0.3337,
0.4775

 16.0045, 0.3267,
0.5786


 92.3923, 0.3331,
0.4633

 9.5274, 0.3162,
0.6246


 119.1610, 0.3325,
0.4516

 5.0867, 0.2998,
0.7002

 150.6571, 0.3317,
0.4416

 2.2982, 0.2413,
0.7587

 187.2648, 0.3310,
0.4332

 0.7728, 0.0000,
1.0000

229.3686, 0.3302,

 0.0000, 0.0000,

0.4259

0.0000

277.3528, 0.3295,
0.4195

■ 36.6061, 0.3333,
0.5162

■ 36.6061, 0.3333,
0.5162

■ 35.7710, 0.3320,
0.5419

■ 37.6029, 0.3329,
0.4870

■ 35.0827, 0.3289,
0.5624

■ 38.7660, 0.3309,
0.4560

■ 34.5308, 0.3243,
0.5768

■ 40.1050, 0.3278,
0.4248

■ 34.2798, 0.3216,
0.5829

■ 41.6280, 0.3239,
0.3946

■ 43.3419, 0.3195,
0.3663

■ 45.2537, 0.3149,
0.3402

■ 47.3699, 0.3102,
0.3166

■ 49.6964, 0.3056,
0.2955

■ 52.2393, 0.3011,
0.2767

Harmonies

Analogous

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



36.6061, 0.4225, 0.4926



36.6061, 0.3333, 0.5162



36.6061, 0.2435, 0.4576

Triad

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



36.6061, 0.3333, 0.5162



36.6061, 0.1556, 0.1988



36.6061, 0.4618, 0.2930

Complementary

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



36.6061, 0.3333, 0.5162



12.3233, 0.2633, 0.1583

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.



36.6061, 0.3653, 0.2364



36.6061, 0.3333, 0.5162



36.6061, 0.1933, 0.1841

Square

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



36.6061, 0.3333, 0.5162



36.6061, 0.1498, 0.2497



36.6061, 0.2651, 0.1980



36.6061, 0.5083, 0.3589

Rectangle

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



36.6061, 0.3333, 0.5162



36.6061, 0.1959, 0.3831



36.6061, 0.2651, 0.1980



36.6061, 0.4331, 0.2727

Sweetspot

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



36.6077, 0.3333, 0.5162



76.1422, 0.3216, 0.3793



27.8468, 0.4407, 0.4260



16.2724, 0.3229, 0.3874



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.



36.6077, 0.3333, 0.5162



63.4570, 0.3308, 0.5522



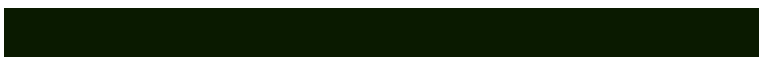
34.6838, 0.2965, 0.5140



9.6406, 0.3171, 0.3521



23.6686, 0.3225, 0.5822



0.7787, 0.3461, 0.5634

Inverse Universe

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



12.3233, 0.2633, 0.1583



16.4787, 0.2484, 0.1286



16.2957, 0.3378, 0.1973



8.4839, 0.3080, 0.3061



4.7570, 0.2297, 0.1039



0.1817, 0.2557, 0.1182

Previews

White Background



This preview shows how the Yxy color 36.6061, 0.3333, 0.5162 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 36.6061, 0.3333, 0.5162 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 36.6061, 0.3333, 0.5162

Background



This preview shows how black text looks on a background with the Yxy color 36.6061, 0.3333, 0.5162.



This preview shows how white text looks on a background with the Yxy color 36.6061, 0.3333, 0.5162.

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

36.6061, 0.3333, 0.5162

Protanopia

35.9802, 0.4195, 0.4607

Deuteranopia

35.9966, 0.4385, 0.4288



Tritanopia

36.3069, 0.2670, 0.3078

Trichromacy



Original Color

36.6061, 0.3333, 0.5162

Protanomaly

35.5829, 0.3846, 0.4826

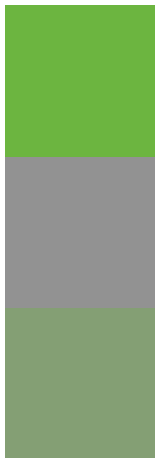
Deuteranomaly

35.1961, 0.3969, 0.4612

Tritanomaly

35.7737, 0.2934, 0.3827

Monochromacy



Original Color

36.6061, 0.3333, 0.5162

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

30.9628, 0.3247, 0.4010

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6061, 0.3333, 0.5162 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(108, 181, 64)` looks like.

```
.text, #text, p{  
    color:rgb(108, 181, 64)  
}
```

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(108, 181, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 181, 64) }
```

Border

The CSS property to change the border of an element to Yxy 36.6061, 0.3333, 0.5162 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(108, 181, 64) }
```

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

```
.border{ border-color:rgb(108, 181, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 181, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 181, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 181, 64);  
box-shadow:4px 4px 4px 4px rgb(108, 181,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6061, 0.3333, 0.5162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 181, 64) }
```

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

```
.background{ background-color: rgb(108,  
181, 64) }
```

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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