

Converting Colors

Yxy(34.6714, 0.3124, 0.4638)

Have a look what the booklet for
Yxy(34.6714, 0.3124, 0.4638)
contains.

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Color

Yxy(34.5263, 0.3126, 0.4629)

Conversions

Conversions Part 1

Format	Color
Hex	69AF61
RGB	105, 175, 97
RGB Percent	41%, 69%, 38%
CMY	0.5881, 0.3137, 0.6196
CMYK	0.40, 0.00, 0.45, 0.31
HSL	114°, 33%, 53%
HSV	114°, 45%, 69%
XYZ	23.3159, 34.5263, 16.7448
YIQ	145.1780, -16.6820, -39.0980

Conversions

Conversions Part 2

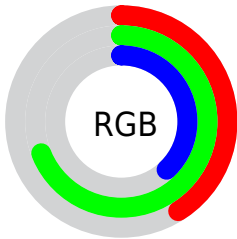
Format	Color
RYB	97, 175, 167
Decimal	6926177
CIELab	65.38, -37.77, 33.15
CIElCh	65, 50.258, 138.724
Yxy	34.5263, 0.3126, 0.4629
Android (android.graphics.Color)	4285116257 (0xFF69AF61)
YUV	145.1780, -23.7518, -35.2361
Hunter-Lab	58.7591, -31.9988, 24.2353

Details

The Yxy color **34.5263, 0.3126, 0.4629** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **19.8575, 0.3080, 0.2189**, and the grayscale version is **28.4984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6927, 0.3141, 0.4338**, and **14.8363, 0.3066, 0.5136** is the 20% darker color. If you saturate the color by 10%, you get **33.3717, 0.3116, 0.4972**, and if you desaturate by 10%, it is **35.9313, 0.3132, 0.4288**.

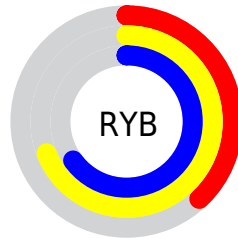
Distribution



Red (41%)

Green (69%)

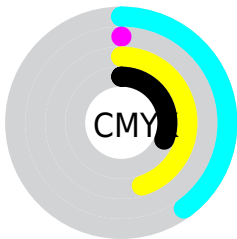
Blue (38%)



Red (38%)

Yellow (69%)

Blue (65%)

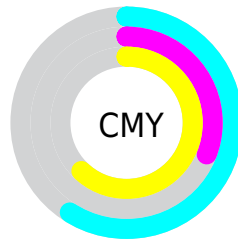


Cyan (40%)

Magenta (0%)

Yellow (45%)

Black (31%)



Cyan (59%)


Magenta (31%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5263, 0.3126, 0.4629 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 34.5263, 0.3126, 0.4629 by changing the saturation by 10% instead.


 34.5263, 0.3126,
0.4629


 34.5263, 0.3126,
0.4629


322.4725, 0.3155,
0.3885


 23.2982, 0.3105,
0.4840


 66.7513, 0.3145,
0.4340


 14.8139, 0.3068,
0.5125


 88.5170, 0.3150,
0.4237

 8.6889, 0.2998,
0.5528


 114.5639, 0.3152,
0.4153

 4.5388, 0.2858,
0.6140

 145.2766, 0.3154,
0.4082

 1.9793, 0.2602,
0.7398

181.0395, 0.3155,
0.4021

 0.5954, 0.0000,
1.0000


222.2368, 0.3155,


 0.0000, 0.0000,


0.3970


0.0000


269.2530, 0.3155,
0.3925


 34.5263, 0.3126,
0.4629


 34.5263, 0.3126,
0.4629


 33.3717, 0.3116,
0.4972


 35.9313, 0.3132,
0.4288

 32.4487, 0.3101,
0.5297


 37.5957, 0.3134,
0.3964


 31.7428, 0.3081,
0.5577

 39.5332, 0.3133,
0.3667

 31.2359, 0.3058,
0.5792


 41.7554, 0.3129,
0.3401


 30.9072, 0.3035,
0.5928

 44.2731, 0.3124,
0.3166

 30.7883, 0.3026,
0.5980

 47.0967, 0.3119,
0.2961

 50.2359, 0.3112,
0.2783

 53.7001, 0.3106,
0.2629

 57.4984, 0.3099,
0.2495

Harmonies

Analogous

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



34.5263, 0.3857, 0.4674



34.5263, 0.3126, 0.4629



34.5263, 0.2434, 0.4034

Triad

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



34.5263, 0.3126, 0.4629



34.5263, 0.1914, 0.2193



34.5263, 0.4424, 0.3178

Complementary

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



34.5263, 0.3126, 0.4629



19.8575, 0.3080, 0.2189

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.



34.5263, 0.3766, 0.2671



34.5263, 0.3126, 0.4629



34.5263, 0.2313, 0.2126

Square

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



34.5263, 0.3126, 0.4629



34.5263, 0.1795, 0.2543



34.5263, 0.2970, 0.2299



34.5263, 0.4665, 0.3744

Rectangle

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



34.5263, 0.3126, 0.4629



34.5263, 0.2089, 0.3476



34.5263, 0.2970, 0.2299



34.5263, 0.4240, 0.2998

Sweetspot

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



34.5278, 0.3126, 0.4629



71.3085, 0.3132, 0.3630



37.2129, 0.3828, 0.4258



15.6685, 0.3133, 0.3691



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.



34.5278, 0.3126, 0.4629



59.8905, 0.3117, 0.4950



34.7309, 0.2857, 0.4120



8.9773, 0.3131, 0.3523



22.0622, 0.3029, 0.5977



0.6260, 0.3148, 0.5883

Inverse Universe

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



19.8575, 0.3080, 0.2189



30.3716, 0.3063, 0.1980



19.7112, 0.3563, 0.2594



8.1056, 0.3122, 0.3065



7.3647, 0.2955, 0.1402



0.2166, 0.3037, 0.1447

Previews

White Background



This preview shows how the Yxy color 34.5263, 0.3126, 0.4629 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 34.5263, 0.3126, 0.4629 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 34.5263, 0.3126, 0.4629

Background



This preview shows how black text looks on a background with the Yxy color 34.5263, 0.3126, 0.4629.



This preview shows how white text looks on a background with the Yxy color 34.5263, 0.3126, 0.4629.

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

34.5263, 0.3126, 0.4629

Protanopia

34.0933, 0.3906, 0.4247

Deuteranopia

34.0596, 0.4023, 0.3943



Tritanopia

34.5202, 0.2640, 0.3088

Trichromacy



Original Color

34.5263, 0.3126, 0.4629

Protanomaly

33.6371, 0.3590, 0.4397

Deuteranomaly

33.4521, 0.3657, 0.4187

Tritanomaly

34.1907, 0.2824, 0.3618

Monochromacy



Original Color

34.5263, 0.3126, 0.4629

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

30.0813, 0.3124, 0.3761

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5263, 0.3126, 0.4629 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, 175, 97)` looks like.

```
.text, #text, p{  
    color:rgb(105, 175, 97)  
}
```

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, 175, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 175, 97) }
```

Border

The CSS property to change the border of an element to Yxy 34.5263, 0.3126, 0.4629 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, 175, 97) }
```

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

```
.border{ border-color:rgb(105, 175, 97) }
```

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

Here you see how a box with a 4 pixel rgb(105, 175, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 175, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 175, 97);  
box-shadow:4px 4px 4px 4px rgb(105, 175,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5263, 0.3126, 0.4629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 175, 97) }
```

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

```
.background{ background-color: rgb(105,  
175, 97) }
```

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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