

Converting Colors

Yxy(37.4210, 0.3434, 0.4795)

Have a look what the booklet for
Yxy(37.4210, 0.3434, 0.4795)
contains.

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Color

Yxy(37.5952, 0.3430, 0.4803)

Conversions

Conversions Part 1

Format	Color
Hex	82B352
RGB	130, 179, 82
RGB Percent	51%, 70%, 32%
CMY	0.4903, 0.2980, 0.6783
CMYK	0.27, 0.00, 0.54, 0.30
HSL	90°, 39%, 51%
HSV	90°, 54%, 70%
XYZ	26.8481, 37.5952, 13.8311
YIQ	153.2910, 1.9330, -40.5550

Conversions

Conversions Part 2

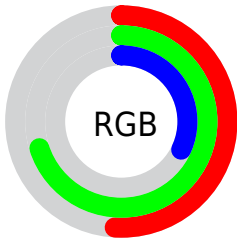
Format	Color
RYB	82, 179, 131
Decimal	8565586
CIELab	67.72, -32.80, 43.81
CIELCh	68, 54.728, 126.823
Yxy	37.5952, 0.3430, 0.4803
Android (android.graphics.Color)	4286755666 (0xFF82B352)
YUV	153.2910, -35.1465, -20.4262
Hunter-Lab	61.3149, -29.1409, 29.5461

Details

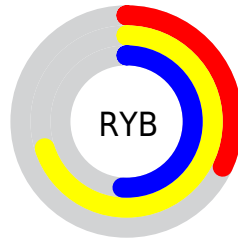
The Yxy color **37.5952, 0.3430, 0.4803** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **14.1252, 0.2600, 0.1789**, and the grayscale version is **32.1450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4522, 0.3398, 0.4495**, and **16.5984, 0.3441, 0.5303** is the 20% darker color. If you saturate the color by 10%, you get **36.6744, 0.3451, 0.5077**, and if you desaturate by 10%, it is **38.6533, 0.3392, 0.4511**.

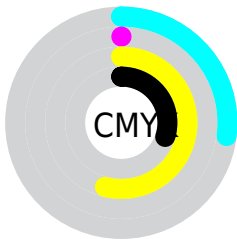
Distribution



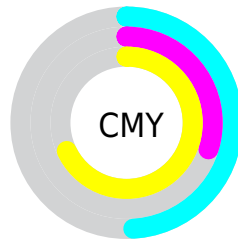
- Red (51%)
- Green (70%)
- Blue (32%)



- Red (32%)
- Yellow (70%)
- Blue (51%)



- Cyan (27%)
- Magenta (0%)
- Yellow (54%)
- Black (30%)





- Cyan (49%)
- Magenta (30%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5952, 0.3430, 0.4803 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 37.5952, 0.3430, 0.4803 by changing the saturation by 10% instead.


 37.5952, 0.3430,
0.4803


 37.5952, 0.3430,
0.4803


335.8803, 0.3313,
0.3986

 25.6687, 0.3441,
0.5020


 71.4873, 0.3399,
0.4495


 16.5759, 0.3442,
0.5303


 94.2216, 0.3384,
0.4382


 9.9326, 0.3414,
0.5680


 121.3273, 0.3369,
0.4288

 5.3543, 0.3373,
0.6299

 153.1887, 0.3356,
0.4209

 2.4566, 0.3062,
0.6938

 190.1904, 0.3343,
0.4141

 0.8548, 0.0135,
0.9865

232.7166, 0.3332,

 0.0000, 0.0000,

0.4083

0.0000

281.1518, 0.3322,
0.4031

■ 37.5952, 0.3430,
0.4803

■ 37.5952, 0.3430,
0.4803

■ 36.6744, 0.3451,
0.5077

■ 38.6533, 0.3392,
0.4511

■ 35.8788, 0.3451,
0.5318

■ 39.8504, 0.3342,
0.4214

■ 35.2018, 0.3430,
0.5511

■ 41.1942, 0.3284,
0.3923

■ 34.6338, 0.3389,
0.5650

■ 42.6904, 0.3220,
0.3647

■ 34.3422, 0.3360,
0.5714

■ 44.3443, 0.3154,
0.3391

■ 46.1610, 0.3089,
0.3156

■ 48.1453, 0.3026,
0.2943

■ 50.3018, 0.2966,
0.2752

■ 52.6348, 0.2909,
0.2582

Harmonies

Analogous

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



37.5952, 0.4159, 0.4621



37.5952, 0.3430, 0.4803



37.5952, 0.2661, 0.4393

Triad

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



37.5952, 0.3430, 0.4803



37.5952, 0.1772, 0.2242



37.5952, 0.4263, 0.2945

Complementary

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



37.5952, 0.3430, 0.4803



14.1252, 0.2600, 0.1789

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.



37.5952, 0.3464, 0.2464



37.5952, 0.3430, 0.4803



37.5952, 0.2071, 0.2065

Square

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



37.5952, 0.3430, 0.4803



37.5952, 0.1763, 0.2734



37.5952, 0.2656, 0.2153



37.5952, 0.4715, 0.3518

Rectangle

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



37.5952, 0.3430, 0.4803



37.5952, 0.2232, 0.3843



37.5952, 0.2656, 0.2153



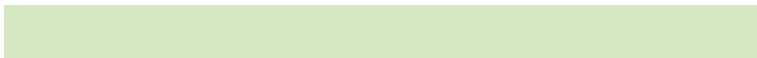
37.5952, 0.4019, 0.2770

Sweetspot

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



37.5968, 0.3430, 0.4803



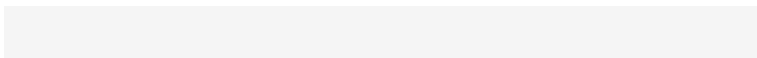
75.8660, 0.3234, 0.3704



26.2986, 0.4265, 0.3982



16.6852, 0.3247, 0.3759



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.



37.5968, 0.3430, 0.4803



65.3863, 0.3452, 0.5126



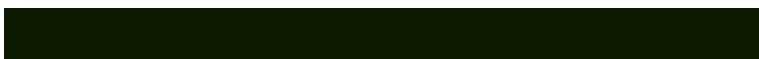
34.6479, 0.3047, 0.4997



9.6895, 0.3188, 0.3520



24.3047, 0.3368, 0.5707



0.7995, 0.3589, 0.5532

Inverse Universe

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



14.1252, 0.2600, 0.1789



18.9619, 0.2447, 0.1471



18.8795, 0.3187, 0.2022



8.4342, 0.3061, 0.3060



3.8923, 0.2048, 0.0902



0.1571, 0.2361, 0.1074

Previews

White Background



This preview shows how the Yxy color 37.5952, 0.3430, 0.4803 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 37.5952, 0.3430, 0.4803 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 37.5952, 0.3430, 0.4803

Background



This preview shows how black text looks on a background with the Yxy color 37.5952, 0.3430, 0.4803.



This preview shows how white text looks on a background with the Yxy color 37.5952, 0.3430, 0.4803.

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

37.5952, 0.3430, 0.4803

Protanopia

37.3912, 0.4062, 0.4456

Deuteranopia

37.2360, 0.4232, 0.4157



Tritanopia

37.3120, 0.2807, 0.3085

Trichromacy



Original Color

37.5952, 0.3430, 0.4803

Protanomaly

37.1005, 0.3817, 0.4585

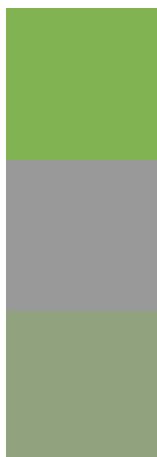
Deuteranomaly

36.6961, 0.3922, 0.4386

Tritanomaly

37.0693, 0.3047, 0.3692

Monochromacy



Original Color

37.5952, 0.3430, 0.4803

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.3927, 0.3273, 0.3845

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5952, 0.3430, 0.4803 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(130, 179, 82)` looks like.

```
.text, #text, p{  
    color:rgb(130, 179, 82)  
}
```

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(130, 179, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 179, 82) }
```

Border

The CSS property to change the border of an element to Yxy 37.5952, 0.3430, 0.4803 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(130, 179, 82) }
```

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

```
.border{ border-color:rgb(130, 179, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 179, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 179, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 179, 82);  
box-shadow:4px 4px 4px 4px rgb(130, 179,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5952, 0.3430, 0.4803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 179, 82) }
```

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

```
.background{ background-color: rgb(130,  
179, 82) }
```

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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