

Converting Colors

Yxy(37.2918, 0.3489, 0.4647)

Have a look what the booklet for
Yxy(37.2918, 0.3489, 0.4647)
contains.

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Color

Yxy(37.2442, 0.3486, 0.4648)

Conversions

Conversions Part 1

Format	Color
Hex	8BB058
RGB	139, 176, 88
RGB Percent	55%, 69%, 35%
CMY	0.4550, 0.3098, 0.6548
CMYK	0.21, 0.00, 0.50, 0.31
HSL	85°, 36%, 52%
HSV	85°, 50%, 69%
XYZ	27.9332, 37.2442, 14.9522
YIQ	154.9050, 6.1960, -35.2120

Conversions

Conversions Part 2

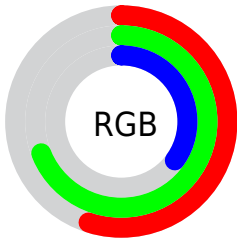
Format	Color
RYB	88, 176, 125
Decimal	9154648
CIELab	67.46, -27.31, 40.71
CIELCh	67, 49.026, 123.857
Yxy	37.2442, 0.3486, 0.4648
Android (android.graphics.Color)	4287344728 (0xFF8BB058)
YUV	154.9050, -32.9842, -13.9487
Hunter-Lab	61.0280, -25.0978, 28.1933

Details

The Yxy color **37.2442, 0.3486, 0.4648** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **14.4796, 0.2567, 0.1878**, and the grayscale version is **32.8811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0760, 0.3436, 0.4374**, and **16.2843, 0.3529, 0.5099** is the 20% darker color. If you saturate the color by 10%, you get **36.3725, 0.3528, 0.4917**, and if you desaturate by 10%, it is **38.2328, 0.3429, 0.4365**.

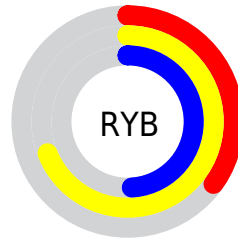
Distribution



Red (55%)

Green (69%)

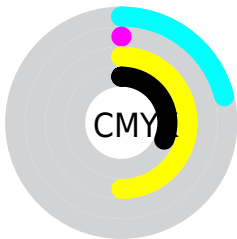
Blue (35%)



Red (35%)

Yellow (69%)

Blue (49%)

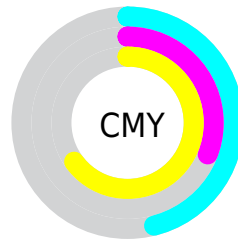


Cyan (21%)

Magenta (0%)

Yellow (50%)

Black (31%)



Cyan (46%)


Magenta (31%)


Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2442, 0.3486, 0.4648 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 37.2442, 0.3486, 0.4648 by changing the saturation by 10% instead.


 37.2442, 0.3486,
0.4648


 37.2442, 0.3486,
0.4648


334.3666, 0.3331,
0.3918


 25.3966, 0.3511,
0.4842


 70.9482, 0.3438,
0.4373

 16.3728, 0.3532,
0.5095


 93.5734, 0.3418,
0.4272

 9.7883, 0.3537,
0.5433


 120.5600, 0.3399,
0.4189

 5.2588, 0.3525,
0.5950

 152.2923, 0.3382,
0.4118

 2.3999, 0.3361,
0.6639

189.1547, 0.3367,
0.4057

 0.8259, 0.1252,
0.8748

231.5316, 0.3354,

 0.0000, 0.0000,

0.4005

0.0000

279.8074, 0.3342,
0.3959

■ 37.2442, 0.3486,
0.4648

■ 37.2442, 0.3486,
0.4648

■ 36.3725, 0.3528,
0.4917

■ 38.2328, 0.3429,
0.4365

■ 35.6068, 0.3549,
0.5158

■ 39.3388, 0.3360,
0.4079

■ 34.9419, 0.3548,
0.5358

■ 40.5689, 0.3285,
0.3801

■ 34.3701, 0.3524,
0.5509

■ 41.9278, 0.3206,
0.3536

■ 33.8758, 0.3482,
0.5617


■ 43.4199, 0.3127,
0.3290

 33.8754, 0.3482,
0.5617

 45.0495, 0.3050,
0.3064

 46.8206, 0.2976,
0.2858

 48.7368, 0.2906,
0.2673

 50.8019, 0.2841,
0.2507

Harmonies

Analogous

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



37.2442, 0.4132, 0.4469



37.2442, 0.3486, 0.4648



37.2442, 0.2781, 0.4327

Triad

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



37.2442, 0.3486, 0.4648



37.2442, 0.1873, 0.2373



37.2442, 0.4087, 0.2933

Complementary

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



37.2442, 0.3486, 0.4648



14.4796, 0.2567, 0.1878

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.



37.2442, 0.3359, 0.2500



37.2442, 0.3486, 0.4648



37.2442, 0.2125, 0.2176

Square

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



37.2442, 0.3486, 0.4648



37.2442, 0.1896, 0.2860



37.2442, 0.2641, 0.2231



37.2442, 0.4536, 0.3460

Rectangle

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



37.2442, 0.3486, 0.4648



37.2442, 0.2373, 0.3864



37.2442, 0.2641, 0.2231



37.2442, 0.3861, 0.2775

Sweetspot

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



37.2458, 0.3486, 0.4648



74.7089, 0.3248, 0.3674



24.5217, 0.4211, 0.3830



16.0822, 0.3264, 0.3728



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.



37.2458, 0.3486, 0.4648



65.8067, 0.3531, 0.4944



34.2096, 0.3108, 0.4823



9.7250, 0.3201, 0.3519



24.8881, 0.3489, 0.5611



0.8165, 0.3686, 0.5455

Inverse Universe

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



14.4796, 0.2567, 0.1878



19.7635, 0.2405, 0.1556



18.5159, 0.3092, 0.2073



8.3990, 0.3048, 0.3059



3.4023, 0.1893, 0.0817



0.1417, 0.2227, 0.1001

Previews

White Background



This preview shows how the Yxy color 37.2442, 0.3486, 0.4648 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 37.2442, 0.3486, 0.4648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

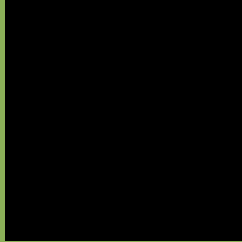
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.2442, 0.3486, 0.4648

Background



This preview shows how black text looks on a background with the Yxy color 37.2442, 0.3486, 0.4648.



This preview shows how white text looks on a background with the Yxy color 37.2442, 0.3486, 0.4648.

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

37.2442, 0.3486, 0.4648

Protanopia

37.0148, 0.4007, 0.4371

Deuteranopia

36.8466, 0.4187, 0.4094



Tritanopia

37.1064, 0.2887, 0.3102

Trichromacy



Original Color

37.2442, 0.3486, 0.4648

Protanomaly

36.7681, 0.3817, 0.4474

Deuteranomaly

36.4147, 0.3926, 0.4288

Tritanomaly

37.0278, 0.3119, 0.3655

Monochromacy



Original Color

37.2442, 0.3486, 0.4648

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

34.2226, 0.3276, 0.3789

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2442, 0.3486, 0.4648 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(139, 176, 88)` looks like.

```
.text, #text, p{  
    color:rgb(139, 176, 88)  
}
```

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(139, 176, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 176, 88) }
```

Border

The CSS property to change the border of an element to Yxy 37.2442, 0.3486, 0.4648 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(139, 176, 88) }
```

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

```
.border{ border-color:rgb(139, 176, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 176, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 176, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 176, 88);  
box-shadow:4px 4px 4px 4px rgb(139, 176,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2442, 0.3486, 0.4648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 176, 88) }
```

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

```
.background{ background-color: rgb(139,  
176, 88) }
```

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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