

Converting Colors

$Yxy(37.0468, 0.4214, 0.4618)$

Have a look what the booklet for
Yxy(37.0468, 0.4214, 0.4618)
contains.

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Color

Yxy(37.0468, 0.4214, 0.4618)

Conversions

Conversions Part 1

Format	Color
Hex	B8A43A
RGB	184, 164, 58
RGB Percent	72%, 64%, 23%
CMY	0.2784, 0.3568, 0.7726
CMYK	0.00, 0.11, 0.68, 0.28
HSL	50°, 52%, 47%
HSV	50°, 68%, 72%
XYZ	33.8058, 37.0468, 9.3700
YIQ	157.8960, 45.9460, -28.7260

Conversions

Conversions Part 2

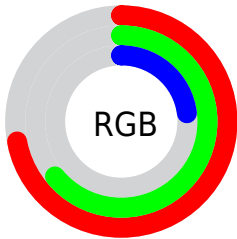
Format	Color
RYB	82, 184, 58
Decimal	12100666
CIELab	67.31, -4.84, 55.34
CIELCh	67, 55.554, 95.003
Yxy	37.0468, 0.4214, 0.4618
Android (android.graphics.Color)	4290290746 (0xFFB8A43A)
YUV	157.8960, -49.2487, 22.8932
Hunter-Lab	60.8661, -7.3744, 33.4789

Details

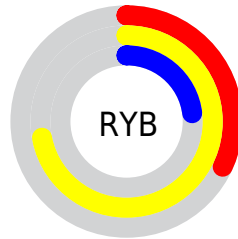
The Yxy color **37.0468, 0.4214, 0.4618** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.8058, 0.1888, 0.1411**, and the grayscale version is **34.3547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8654, 0.4040, 0.4393**, and **16.3994, 0.4408, 0.4882** is the 20% darker color. If you saturate the color by 10%, you get **35.8606, 0.4334, 0.4723**, and if you desaturate by 10%, it is **38.3274, 0.4072, 0.4473**.

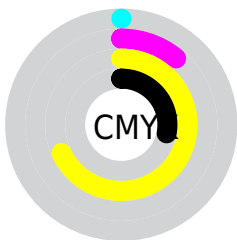
Distribution



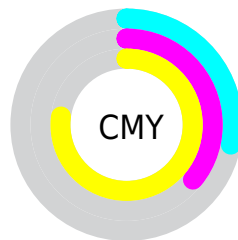
- Red (72%)
- Green (64%)
- Blue (23%)



- Red (32%)
- Yellow (72%)
- Blue (23%)



- Cyan (0%)
- Magenta (11%)
- Yellow (68%)
- Black (28%)



- Cyan (28%)
- Magenta (36%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0468, 0.4214, 0.4618 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 37.0468, 0.4214, 0.4618 by changing the saturation by 10% instead.

37.0468, 0.4214,
0.4618

37.0468, 0.4214,
0.4618

333.5131, 0.3697,
0.3967

25.2437, 0.4319,
0.4760

70.6448, 0.4041,
0.4393

16.2587, 0.4434,
0.4923

93.2084, 0.3970,
0.4304

9.7074, 0.4558,
0.5112

120.1278, 0.3909,
0.4228

5.2054, 0.4676,
0.5324

151.7871, 0.3856,
0.4161

2.3683, 0.4616,
0.5384

188.5710, 0.3809,
0.4103

0.8095, 0.4458,
0.5542

230.8637, 0.3767,

0.0000, 0.0000,

0.4052

0.0000

279.0496, 0.3730,
0.4007

■ 37.0468, 0.4214,
0.4618

■ 37.0468, 0.4214,
0.4618

■ 35.8606, 0.4334,
0.4723

■ 38.3274, 0.4072,
0.4473

■ 34.7559, 0.4427,
0.4784

■ 39.7037, 0.3914,
0.4297

■ 33.7217, 0.4494,
0.4804

■ 41.1832, 0.3748,
0.4099

■ 33.5682, 0.4504,
0.4806

■ 42.7712, 0.3579,
0.3888

■ 44.4726, 0.3413,
0.3674

■ 46.2919, 0.3254,
0.3463

■ 48.2331, 0.3105,
0.3260

■ 50.3004, 0.2967,
0.3068

■ 52.4974, 0.2841,
0.2888

Harmonies

Analogous

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



37.0468, 0.4696, 0.4086



37.0468, 0.4214, 0.4618



37.0468, 0.3480, 0.4839

Triad

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



37.0468, 0.4214, 0.4618



37.0468, 0.1749, 0.2763



37.0468, 0.3417, 0.2425

Complementary

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



37.0468, 0.4214, 0.4618



9.8058, 0.1888, 0.1411

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.



37.0468, 0.2603, 0.2122



37.0468, 0.4214, 0.4618



37.0468, 0.1741, 0.2243

Square

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



37.0468, 0.4214, 0.4618



37.0468, 0.2071, 0.3600



37.0468, 0.2026, 0.2048



37.0468, 0.4243, 0.2904

Rectangle

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



37.0468, 0.4214, 0.4618



37.0468, 0.2949, 0.4660



37.0468, 0.2026, 0.2048



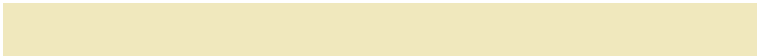
37.0468, 0.3129, 0.2301

Sweetspot

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



37.0486, 0.4214, 0.4618



79.7149, 0.3460, 0.3736



13.7794, 0.5006, 0.3040



17.0021, 0.3505, 0.3794



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.0486, 0.4214, 0.4618



64.0120, 0.4383, 0.4759



40.3359, 0.3648, 0.5064



10.2541, 0.3268, 0.3481



23.2212, 0.4499, 0.4810



0.8845, 0.4408, 0.4882

Inverse Universe

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



9.8058, 0.1888, 0.1411



11.7320, 0.1675, 0.1026



9.1944, 0.2174, 0.1296



8.9435, 0.2984, 0.3092



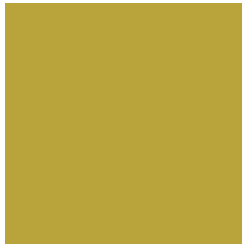
3.0667, 0.1542, 0.0750



0.1807, 0.1655, 0.1157

Previews

White Background



This preview shows how the Yxy color 37.0468, 0.4214, 0.4618 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 37.0468, 0.4214, 0.4618 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 37.0468, 0.4214, 0.4618

Background



This preview shows how black text looks on a background with the Yxy color 37.0468, 0.4214, 0.4618.



This preview shows how white text looks on a background with the Yxy color 37.0468, 0.4214, 0.4618.

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

37.0468, 0.4214, 0.4618

Protanopia

36.9237, 0.4204, 0.4624

Deuteranopia

36.9512, 0.4472, 0.4391



Tritanopia

36.8365, 0.3416, 0.3132

Trichromacy



Original Color

37.0468, 0.4214, 0.4618

Protanomaly

36.9237, 0.4204, 0.4624

Deuteranomaly

36.9928, 0.4380, 0.4471

Tritanomaly

36.5674, 0.3763, 0.3714

Monochromacy



Original Color

37.0468, 0.4214, 0.4618

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.7622, 0.3549, 0.3853

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0468, 0.4214, 0.4618 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(184, 164, 58)` looks like.

```
.text, #text, p{  
    color:rgb(184, 164, 58)  
}
```

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(184, 164, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 164, 58) }
```

Border

The CSS property to change the border of an element to Yxy 37.0468, 0.4214, 0.4618 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(184, 164, 58) }
```

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

```
.border{ border-color:rgb(184, 164, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 164, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 164, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 164, 58);  
box-shadow:4px 4px 4px 4px rgb(184, 164,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0468, 0.4214, 0.4618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 164, 58) }
```

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

```
.background{ background-color: rgb(184,  
164, 58) }
```

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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