

Converting Colors

$Yxy(34.2405, 0.4343, 0.4396)$

Have a look what the booklet for
Yxy(34.2405, 0.4343, 0.4396)
contains.

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Color

Yxy(34.2405, 0.4343, 0.4396)

Conversions

Conversions Part 1

Format	Color
Hex	BF9941
RGB	191, 153, 65
RGB Percent	75%, 60%, 25%
CMY	0.2510, 0.4000, 0.7452
CMYK	0.00, 0.20, 0.66, 0.25
HSL	42°, 50%, 50%
HSV	42°, 66%, 75%
XYZ	33.8277, 34.2405, 9.8219
YIQ	154.3300, 50.8960, -19.3120

Conversions

Conversions Part 2

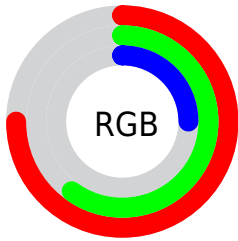
Format	Color
RYB	119, 191, 65
Decimal	12556609
CIELab	65.15, 4.54, 50.22
CIELCh	65, 50.427, 84.837
Yxy	34.2405, 0.4343, 0.4396
Android (android.graphics.Color)	4290746689 (0xFFBF9941)
YUV	154.3300, -44.0397, 32.1596
Hunter-Lab	58.5154, 0.7887, 31.0088

Details

The Yxy color **34.2405, 0.4343, 0.4396** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **14.5723, 0.1997, 0.1772**, and the grayscale version is **32.6473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2340, 0.4127, 0.4209**, and **14.5886, 0.4645, 0.4633** is the 20% darker color. If you saturate the color by 10%, you get **32.2182, 0.4522, 0.4491**, and if you desaturate by 10%, it is **36.4318, 0.4148, 0.4264**.

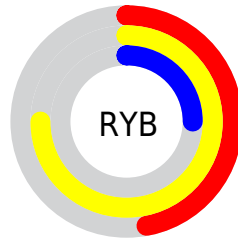
Distribution



Red (75%)

Green (60%)

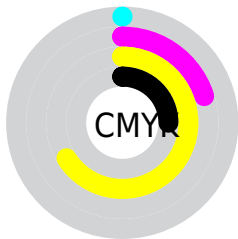
Blue (25%)



Red (47%)

Yellow (75%)

Blue (25%)

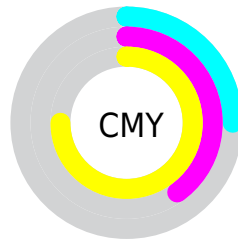


Cyan (0%)

Magenta (20%)

Yellow (66%)

Black (25%)



Cyan (25%)


Magenta (40%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.2405, 0.4343, 0.4396 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 34.2405, 0.4343, 0.4396 by changing the saturation by 10% instead.


 34.2405, 0.4343,
0.4396


 34.2405, 0.4343,
0.4396


321.2031, 0.3738,
0.3861

 23.0784, 0.4479,
0.4509


 66.3075, 0.4131,
0.4213


 14.6514, 0.4638,
0.4637


 87.9812, 0.4048,
0.4140


 8.5751, 0.4823,
0.4773


 113.9276, 0.3977,
0.4077

 4.4651, 0.5062,
0.4938

 144.5310, 0.3916,
0.4022

 1.9370, 0.5122,
0.4878

 180.1758, 0.3863,
0.3974

 0.5705, 0.5337,
0.4663

221.2466, 0.3816,

 0.0000, 0.0000,

0.3932

0.0000

268.1275, 0.3774,
0.3894

■ 34.2405, 0.4343,
0.4396

■ 34.2405, 0.4343,
0.4396

■ 32.2182, 0.4522,
0.4491

■ 36.4318, 0.4148,
0.4264

■ 30.3507, 0.4678,
0.4539

■ 38.7952, 0.3948,
0.4105

■ 28.6285, 0.4803,
0.4539

■ 41.3395, 0.3750,
0.3930

■ 27.9690, 0.4849,
0.4532

■ 44.0715, 0.3560,
0.3749

■ 46.9973, 0.3382,
0.3567

■ 50.1227, 0.3218,
0.3391

■ 53.4533, 0.3069,
0.3224

■ 56.9942, 0.2935,
0.3067

■ 60.7505, 0.2815,
0.2922

Harmonies

Analogous

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



34.2405, 0.4663, 0.3862



34.2405, 0.4343, 0.4396



34.2405, 0.3717, 0.4717

Triad

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



34.2405, 0.4343, 0.4396



34.2405, 0.1899, 0.3043



34.2405, 0.3128, 0.2356

Complementary

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



34.2405, 0.4343, 0.4396



14.5723, 0.1997, 0.1772

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.



34.2405, 0.2423, 0.2137



34.2405, 0.4343, 0.4396



34.2405, 0.1789, 0.2442

Square

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



34.2405, 0.4343, 0.4396



34.2405, 0.2311, 0.3871



34.2405, 0.1967, 0.2152



34.2405, 0.3927, 0.2763

Rectangle

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



34.2405, 0.4343, 0.4396



34.2405, 0.3223, 0.4677



34.2405, 0.1967, 0.2152



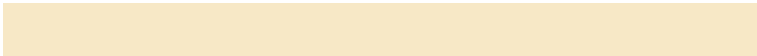
34.2405, 0.2871, 0.2259

Sweetspot

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



34.2422, 0.4343, 0.4396



81.8726, 0.3457, 0.3646



15.8686, 0.4561, 0.2793



17.6526, 0.3508, 0.3697



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



34.2422, 0.4343, 0.4396



56.2522, 0.4592, 0.4517



45.9481, 0.3813, 0.4907



10.6219, 0.3271, 0.3450



18.5306, 0.4838, 0.4540



0.8355, 0.4650, 0.4690

Inverse Universe

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



14.5723, 0.1997, 0.1772



18.7964, 0.1794, 0.1409



9.6160, 0.2036, 0.1278



9.6816, 0.2984, 0.3125



4.5567, 0.1617, 0.1020



0.2970, 0.1757, 0.1525

Previews

White Background



This preview shows how the Yxy color 34.2405, 0.4343, 0.4396 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 34.2405, 0.4343, 0.4396 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 34.2405, 0.4343, 0.4396

Background



This preview shows how black text looks on a background with the Yxy color 34.2405, 0.4343, 0.4396.



This preview shows how white text looks on a background with the Yxy color 34.2405, 0.4343, 0.4396.

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

34.2405, 0.4343, 0.4396

Protanopia

34.4316, 0.4118, 0.4527

Deuteranopia

34.3969, 0.4417, 0.4331



Tritanopia

34.3188, 0.3592, 0.3147

Trichromacy



Original Color

34.2405, 0.4343, 0.4396

Protanomaly

34.3310, 0.4195, 0.4487

Deuteranomaly

34.4519, 0.4387, 0.4353

Tritanomaly

33.8747, 0.3905, 0.3629

Monochromacy



Original Color

34.2405, 0.4343, 0.4396

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.7318, 0.3571, 0.3770

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2405, 0.4343, 0.4396 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(191, 153, 65)` looks like.

```
.text, #text, p{  
    color:rgb(191, 153, 65)  
}
```

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(191, 153, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 153, 65) }
```

Border

The CSS property to change the border of an element to Yxy 34.2405, 0.4343, 0.4396 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(191, 153, 65) }
```

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

```
.border{ border-color:rgb(191, 153, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 153, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 153, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 153, 65);  
box-shadow:4px 4px 4px 4px rgb(191, 153,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2405, 0.4343, 0.4396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 153, 65) }
```

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

```
.background{ background-color: rgb(191,  
153, 65) }
```

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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