

Converting Colors

$Yxy(34.1904, 0.4397, 0.4462)$

Have a look what the booklet for
Yxy(34.1904, 0.4397, 0.4462)
contains.

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Color

Yxy(34.1542, 0.4396, 0.4467)

Conversions

Conversions Part 1

Format	Color
Hex	BF9939
RGB	191, 153, 57
RGB Percent	75%, 60%, 22%
CMY	0.2511, 0.3999, 0.7764
CMYK	0.00, 0.20, 0.70, 0.25
HSL	43°, 54%, 49%
HSV	43°, 70%, 75%
XYZ	33.6113, 34.1542, 8.6934
YIQ	153.4180, 53.4640, -21.8000

Conversions

Conversions Part 2

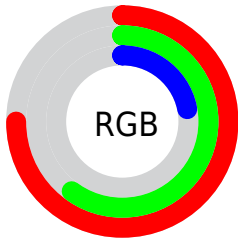
Format	Color
RYB	110, 191, 57
Decimal	12556601
CIELab	65.08, 4.08, 53.68
CIELCh	65, 53.835, 85.659
Yxy	34.1542, 0.4396, 0.4467
Android (android.graphics.Color)	4290746681 (0xFFBF9939)
YUV	153.4180, -47.5341, 32.9594
Hunter-Lab	58.4416, 0.3874, 32.0895

Details

The Yxy color **34.1542, 0.4396, 0.4467** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **12.8109, 0.1923, 0.1623**, and the grayscale version is **32.2418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0538, 0.4178, 0.4279**, and **14.5711, 0.4674, 0.4671** is the 20% darker color. If you saturate the color by 10%, you get **32.2679, 0.4559, 0.4546**, and if you desaturate by 10%, it is **36.1959, 0.4213, 0.4346**.

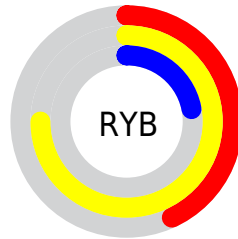
Distribution



Red (75%)

Green (60%)

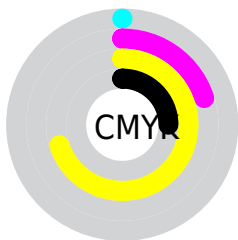
Blue (22%)



Red (43%)

Yellow (75%)

Blue (22%)

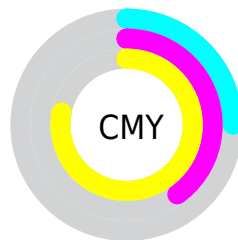


Cyan (0%)

Magenta (20%)

Yellow (70%)

Black (25%)



Cyan (25%)


Magenta (40%)

Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1542, 0.4396, 0.4467 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 34.1542, 0.4396, 0.4467 by changing the saturation by 10% instead.


 34.1542, 0.4396,
0.4467


 34.1542, 0.4396,
0.4467


320.8191, 0.3771,
0.3903

 23.0121, 0.4532,
0.4583


 66.1734, 0.4180,
0.4277


 14.6024, 0.4687,
0.4709


 87.8193, 0.4095,
0.4200

 8.5408, 0.4875,
0.4854


 113.7352, 0.4021,
0.4133

 4.4429, 0.5044,
0.4956

 144.3055, 0.3958,
0.4075

 1.9243, 0.5098,
0.4902

 179.9147, 0.3902,
0.4024

 0.5629, 0.5299,
0.4701

 220.9471, 0.3853,

 0.0000, 0.0000,

0.3979

0.0000

267.7871, 0.3810,
0.3939

■ 34.1542, 0.4396,
0.4467

■ 34.1542, 0.4396,
0.4467

■ 32.2679, 0.4559,
0.4546

■ 36.1959, 0.4213,
0.4346

■ 30.5224, 0.4694,
0.4578

■ 38.3961, 0.4020,
0.4194

■ 28.9240, 0.4803,
0.4569

■ 40.7640, 0.3825,
0.4021

■ 43.3061, 0.3634,
0.3838

■ 46.0288, 0.3453,
0.3651

■ 48.9376, 0.3284,
0.3468

■ 52.0381, 0.3129,
0.3292

■ 55.3353, 0.2989,
0.3127

■ 58.8343, 0.2863,
0.2973

Harmonies

Analogous

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



34.1542, 0.4756, 0.3897



34.1542, 0.4396, 0.4467



34.1542, 0.3723, 0.4818

Triad

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



34.1542, 0.4396, 0.4467



34.1542, 0.1819, 0.2997



34.1542, 0.3147, 0.2312

Complementary

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



34.1542, 0.4396, 0.4467



12.8109, 0.1923, 0.1623

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.



34.1542, 0.2396, 0.2077



34.1542, 0.4396, 0.4467



34.1542, 0.1716, 0.2372

Square

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



34.1542, 0.4396, 0.4467



34.1542, 0.2240, 0.3887



34.1542, 0.1910, 0.2082



34.1542, 0.4002, 0.2743

Rectangle

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



34.1542, 0.4396, 0.4467



34.1542, 0.3197, 0.4774



34.1542, 0.1910, 0.2082



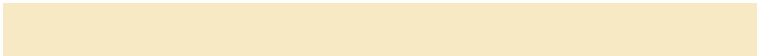
34.1542, 0.2873, 0.2209

Sweetspot

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



34.1559, 0.4396, 0.4467



81.8652, 0.3473, 0.3673



14.8678, 0.4748, 0.2811



17.6726, 0.3523, 0.3725



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.



34.1559, 0.4396, 0.4467



56.1565, 0.4633, 0.4569



45.4585, 0.3815, 0.4996



10.6511, 0.3271, 0.3454



19.1562, 0.4792, 0.4577



0.8562, 0.4618, 0.4715

Inverse Universe

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



12.8109, 0.1923, 0.1623



16.0003, 0.1723, 0.1247



8.5642, 0.1981, 0.1169



9.6539, 0.2984, 0.3121



4.3337, 0.1605, 0.0978



0.2851, 0.1744, 0.1479

Previews

White Background



This preview shows how the Yxy color 34.1542, 0.4396, 0.4467 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 34.1542, 0.4396, 0.4467 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 34.1542, 0.4396, 0.4467

Background



This preview shows how black text looks on a background with the Yxy color 34.1542, 0.4396, 0.4467.



This preview shows how white text looks on a background with the Yxy color 34.1542, 0.4396, 0.4467.

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

34.1542, 0.4396, 0.4467

Protanopia

34.1166, 0.4190, 0.4589

Deuteranopia

33.9885, 0.4482, 0.4390



Tritanopia

33.9838, 0.3606, 0.3146

Trichromacy



Original Color

34.1542, 0.4396, 0.4467

Protanomaly

34.0275, 0.4267, 0.4546

Deuteranomaly

34.0408, 0.4451, 0.4413

Tritanomaly

33.8014, 0.3936, 0.3669

Monochromacy



Original Color

34.1542, 0.4396, 0.4467

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.3060, 0.3614, 0.3816

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1542, 0.4396, 0.4467 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, 57)` looks like.

```
.text, #text, p{  
    color:rgb(191, 153, 57)  
}
```

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, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 153, 57) }
```

Border

The CSS property to change the border of an element to Yxy 34.1542, 0.4396, 0.4467 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, 57) }
```

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

```
.border{ border-color:rgb(191, 153, 57) }
```

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, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 153, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 153, 57);  
box-shadow:4px 4px 4px 4px rgb(191, 153,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1542, 0.4396, 0.4467 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, 57) }
```

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

```
.background{ background-color: rgb(191,  
153, 57) }
```

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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