

Converting Colors

$Yxy(34.2854, 0.4448, 0.4627)$

Have a look what the booklet for
Yxy(34.2854, 0.4448, 0.4627)
contains.

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Color

Yxy(34.4147, 0.4447, 0.4625)

Conversions

Conversions Part 1

Format	Color
Hex	BD9B28
RGB	189, 155, 40
RGB Percent	74%, 61%, 16%
CMY	0.2588, 0.3921, 0.8432
CMYK	0.00, 0.18, 0.79, 0.26
HSL	46°, 65%, 45%
HSV	46°, 79%, 74%
XYZ	33.0902, 34.4147, 6.9053
YIQ	152.0560, 57.1790, -28.5570

Conversions

Conversions Part 2

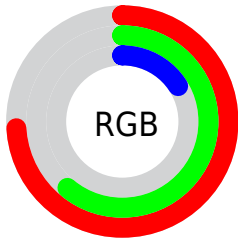
Format	Color
R _Y B	84, 189, 40
Decimal	12426024
CIE Lab	65.29, 1.35, 60.40
CIE LCh	65, 60.414, 88.718
Yxy	34.4147, 0.4447, 0.4625
Android (android.graphics.Color)	4290616104 (0xFFBD9B28)
YUV	152.0560, -55.2436, 32.3999
Hunter-Lab	58.6640, -1.9769, 34.0859

Details

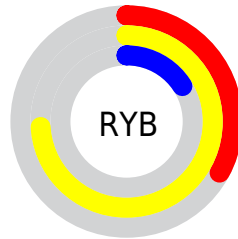
The Yxy color **34.4147, 0.4447, 0.4625** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.0208, 0.1768, 0.1275**, and the grayscale version is **31.6501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5669, 0.4239, 0.4414**, and **14.7259, 0.4598, 0.4731** is the 20% darker color. If you saturate the color by 10%, you get **32.9080, 0.4564, 0.4673**, and if you desaturate by 10%, it is **36.0388, 0.4303, 0.4531**.

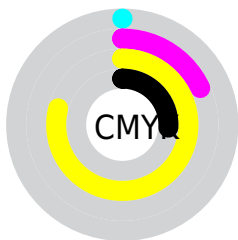
Distribution



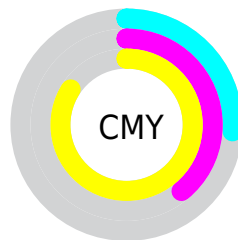
- Red (74%)
- Green (61%)
- Blue (16%)



- Red (33%)
- Yellow (74%)
- Blue (16%)



- Cyan (0%)
- Magenta (18%)
- Yellow (79%)
- Black (26%)




- Cyan (26%)
- Magenta (39%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4147, 0.4447, 0.4625 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 34.4147, 0.4447, 0.4625 by changing the saturation by 10% instead.

 34.4147, 0.4447,
0.4625


 34.4147, 0.4447,
0.4625


321.9772, 0.3817,
0.3994


 23.2124, 0.4572,
0.4748


 66.5780, 0.4237,
0.4417


 14.7504, 0.4706,
0.4876


 88.3078, 0.4152,
0.4331


 8.6444, 0.4910,
0.5072


 114.3156, 0.4077,
0.4256

 4.5100, 0.4930,
0.5070

 144.9857, 0.4011,
0.4190

 1.9627, 0.4948,
0.5052

 180.7025, 0.3954,
0.4132

 0.5857, 0.5017,
0.4983

 221.8504, 0.3903,

 0.0000, 0.0000,

0.4081

0.0000

268.8139, 0.3858,
0.4035

■ 34.4147, 0.4447,
0.4625

■ 34.4147, 0.4447,
0.4625

■ 32.9080, 0.4564,
0.4673

■ 36.0388, 0.4303,
0.4531

■ 31.4993, 0.4654,
0.4679

■ 37.7840, 0.4138,
0.4397

■ 31.3400, 0.4664,
0.4678

■ 39.6593, 0.3961,
0.4232

■ 41.6712, 0.3779,
0.4047

■ 43.8258, 0.3599,
0.3850

■ 46.1286, 0.3425,
0.3652

■ 48.5846, 0.3262,
0.3456

■ 51.1987, 0.3110,
0.3269

■ 53.9755, 0.2972,
0.3092

Harmonies

Analogous

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



34.4147, 0.4910, 0.3994



34.4147, 0.4447, 0.4625



34.4147, 0.3675, 0.5012

Triad

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



34.4147, 0.4447, 0.4625



34.4147, 0.1662, 0.2860



34.4147, 0.3240, 0.2257

Complementary

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



34.4147, 0.4447, 0.4625



9.0208, 0.1768, 0.1275

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.



34.4147, 0.2387, 0.1978



34.4147, 0.4447, 0.4625



34.4147, 0.1592, 0.2219

Square

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



34.4147, 0.4447, 0.4625



34.4147, 0.2075, 0.3851



34.4147, 0.1831, 0.1949



34.4147, 0.4194, 0.2738

Rectangle

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



34.4147, 0.4447, 0.4625



34.4147, 0.3094, 0.4936



34.4147, 0.1831, 0.1949



34.4147, 0.2929, 0.2138

Sweetspot

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



34.4164, 0.4447, 0.4625



80.2980, 0.3520, 0.3762



12.8405, 0.5261, 0.2937



16.9563, 0.3583, 0.3833



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



34.4164, 0.4447, 0.4625



56.9916, 0.4634, 0.4678



42.9618, 0.3754, 0.5198



10.7413, 0.3270, 0.3466



21.2064, 0.4657, 0.4684



0.9228, 0.4525, 0.4789

Inverse Universe

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



9.0208, 0.1768, 0.1275



10.4747, 0.1592, 0.0901



6.8849, 0.1920, 0.0999



9.5691, 0.2984, 0.3108



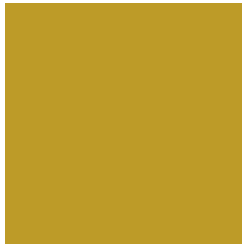
3.7379, 0.1573, 0.0863



0.2484, 0.1703, 0.1331

Previews

White Background



This preview shows how the Yxy color 34.4147, 0.4447, 0.4625 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 34.4147, 0.4447, 0.4625 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 34.4147, 0.4447, 0.4625

Background



This preview shows how black text looks on a background with the Yxy color 34.4147, 0.4447, 0.4625.



This preview shows how white text looks on a background with the Yxy color 34.4147, 0.4447, 0.4625.

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

34.4147, 0.4447, 0.4625

Protanopia

34.4213, 0.4287, 0.4736

Deuteranopia

34.4425, 0.4582, 0.4504



Tritanopia

34.5214, 0.3568, 0.3146

Trichromacy



Original Color

34.4147, 0.4447, 0.4625

Protanomaly

34.5589, 0.4339, 0.4698

Deuteranomaly

34.2187, 0.4536, 0.4547

Tritanomaly

34.1791, 0.3967, 0.3763

Monochromacy



Original Color

34.4147, 0.4447, 0.4625

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.9295, 0.3661, 0.3925

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4147, 0.4447, 0.4625 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(189, 155, 40)` looks like.

```
.text, #text, p{  
    color:rgb(189, 155, 40)  
}
```

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(189, 155, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 155, 40) }
```

Border

The CSS property to change the border of an element to Yxy 34.4147, 0.4447, 0.4625 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(189, 155, 40) }
```

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

```
.border{ border-color:rgb(189, 155, 40) }
```

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

Here you see how a box with a 4 pixel rgb(189, 155, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 155, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 155, 40);  
box-shadow:4px 4px 4px 4px rgb(189, 155,  
40) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4147, 0.4447, 0.4625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 155, 40) }
```

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

```
.background{ background-color: rgb(189,  
155, 40) }
```

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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