

Converting Colors

$Y_{xy}(44.1711, 0.4263, 0.4939)$

Have a look what the booklet for
Yxy(44.1711, 0.4263, 0.4939)
contains.

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Color

Yxy(44.1711, 0.4263, 0.4939)

Conversions

Conversions Part 1

Format	Color
Hex	BFB513
RGB	191, 181, 19
RGB Percent	75%, 71%, 7%
CMY	0.2510, 0.2902, 0.9251
CMYK	0.00, 0.05, 0.90, 0.25
HSL	57°, 82%, 41%
HSV	57°, 90%, 75%
XYZ	38.1254, 44.1711, 7.1368
YIQ	165.5220, 57.9620, -48.2620

Conversions

Conversions Part 2

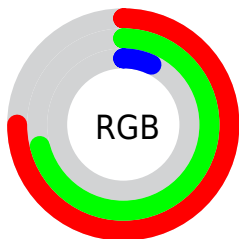
Format	Color
R_{YB}	30, 191, 19
Decimal	12563731
CIE _{Lab}	72.34, -12.04, 71.68
CIE _{LCh}	72, 72.680, 99.536
Yxy	44.1711, 0.4263, 0.4939
Android (android.graphics.Color)	4290753811 (0xFFBFB513)
YUV	165.5220, -72.2353, 22.3442
Hunter-Lab	66.4613, -13.9112, 40.1562

Details

The Yxy color **44.1711, 0.4263, 0.4939** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **4.7833, 0.1566, 0.0741**, and the grayscale version is **38.2306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7495, 0.4116, 0.4690**, and **20.6871, 0.4245, 0.5011** is the 20% darker color. If you saturate the color by 10%, you get **43.6767, 0.4298, 0.4969**, and if you desaturate by 10%, it is **44.7198, 0.4205, 0.4874**.

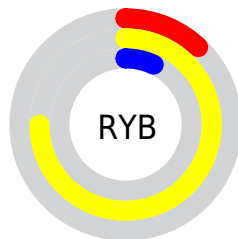
Distribution



Red (75%)

Green (71%)

Blue (7%)



Red (12%)

Yellow (75%)

Blue (7%)

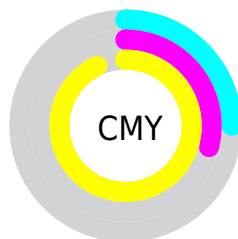


Cyan (0%)

Magenta (5%)

Yellow (90%)

Black (25%)



Cyan (25%)


Magenta (29%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1711, 0.4263, 0.4939 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 44.1711, 0.4263, 0.4939 by changing the saturation by 10% instead.

 44.1711, 0.4263,
0.4939


 44.1711, 0.4263,
0.4939

363.4060, 0.3781,
0.4171

 30.8050, 0.4338,
0.5089


 81.4751, 0.4119,
0.4687


 20.4504, 0.4404,
0.5252


 106.1819, 0.4055,
0.4583


 12.7229, 0.4489,
0.5471


 135.4377, 0.3997,
0.4492

 7.2380, 0.4429,
0.5571

 169.6270, 0.3944,
0.4412

 3.6114, 0.4310,
0.5690

 209.1340, 0.3897,
0.4341

 1.4586, 0.4105,
0.5895

 254.3433, 0.3854,

 0.2594, 0.0000,

0.4278

1.0000

305.6392, 0.3816,
0.4221

■ 0.0000, 0.0000,
0.0000

■ 44.1711, 0.4263,
0.4939

■ 44.1711, 0.4263,
0.4939

■ 43.6767, 0.4298,
0.4969

■ 44.7198, 0.4205,
0.4874

■ 43.6765, 0.4298,
0.4969

■ 45.3332, 0.4121,
0.4765

■ 46.0221, 0.4012,
0.4615

■ 46.7936, 0.3883,
0.4430

■ 47.6539, 0.3739,
0.4219

■ 48.6089, 0.3586,
0.3991

■ 49.6637, 0.3430,
0.3755

■ 50.8231, 0.3276,
0.3519

■ 52.0915, 0.3127,
0.3290

Harmonies

Analogous

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



44.1711, 0.4935, 0.4278



44.1711, 0.4263, 0.4939



44.1711, 0.3358, 0.5210

Triad

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



44.1711, 0.4263, 0.4939



44.1711, 0.1473, 0.2499



44.1711, 0.3632, 0.2333

Complementary

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



44.1711, 0.4263, 0.4939



4.7833, 0.1566, 0.0741

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.



44.1711, 0.2614, 0.1950



44.1711, 0.4263, 0.4939



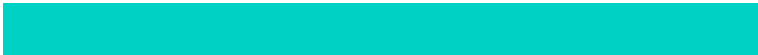
44.1711, 0.1523, 0.1972

Square

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



44.1711, 0.4263, 0.4939



44.1711, 0.1768, 0.3477



44.1711, 0.1895, 0.1816



44.1711, 0.4629, 0.2903

Rectangle

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



44.1711, 0.4263, 0.4939



44.1711, 0.2732, 0.4929



44.1711, 0.1895, 0.1816



44.1711, 0.3273, 0.2180

Sweetspot

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



44.1732, 0.4263, 0.4939



87.5411, 0.3546, 0.3930



11.6405, 0.6107, 0.3238



19.0856, 0.3599, 0.4011



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.



44.1732, 0.4263, 0.4939



78.1110, 0.4300, 0.4968



41.0506, 0.3504, 0.5529



11.0230, 0.3266, 0.3504



28.7496, 0.4297, 0.4970



1.1552, 0.4270, 0.4992

Inverse Universe

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



4.7833, 0.1566, 0.0741



7.0608, 0.1507, 0.0626



6.5883, 0.2013, 0.0933



9.3119, 0.2984, 0.3067



2.6713, 0.1512, 0.0643



0.1354, 0.1558, 0.0807

Previews

White Background



This preview shows how the Yxy color 44.1711, 0.4263, 0.4939 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 44.1711, 0.4263, 0.4939 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 44.1711, 0.4263, 0.4939

Background



This preview shows how black text looks on a background with the Yxy color 44.1711, 0.4263, 0.4939.



This preview shows how white text looks on a background with the Yxy color 44.1711, 0.4263, 0.4939.

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

44.1711, 0.4263, 0.4939

Protanopia

44.1638, 0.4379, 0.4853

Deuteranopia

43.9515, 0.4669, 0.4562



Tritanopia

43.8980, 0.3328, 0.3128

Trichromacy



Original Color

44.1711, 0.4263, 0.4939

Protanomaly

44.1542, 0.4341, 0.4882

Deuteranomaly

43.9633, 0.4521, 0.4699

Tritanomaly

43.2980, 0.3808, 0.3950

Monochromacy



Original Color

44.1711, 0.4263, 0.4939

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.4320, 0.3668, 0.4106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1711, 0.4263, 0.4939 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, 181, 19)` looks like.

```
.text, #text, p{  
    color:rgb(191, 181, 19)  
}
```

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, 181, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 181, 19) }
```

Border

The CSS property to change the border of an element to Yxy 44.1711, 0.4263, 0.4939 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, 181, 19) }
```

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

```
.border{ border-color:rgb(191, 181, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 181, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 181, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 181, 19);  
box-shadow:4px 4px 4px 4px rgb(191, 181,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1711, 0.4263, 0.4939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 181, 19) }
```

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

```
.background{ background-color: rgb(191,  
181, 19) }
```

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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