

Converting Colors

Yxy(44.9204, 0.4184, 0.4969)

Have a look what the booklet for
Yxy(44.9204, 0.4184, 0.4969)
contains.

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Color

Yxy(44.9204, 0.4184, 0.4969)

Conversions

Conversions Part 1

Format	Color
Hex	BBB81A
RGB	187, 184, 26
RGB Percent	73%, 72%, 10%
CMY	0.2666, 0.2784, 0.8978
CMYK	0.00, 0.02, 0.86, 0.27
HSL	59°, 76%, 42%
HSV	59°, 86%, 73%
XYZ	37.8239, 44.9204, 7.6570
YIQ	166.8850, 52.5060, -48.5020

Conversions

Conversions Part 2

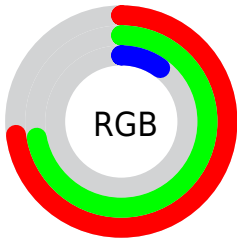
Format	Color
R _Y B	29, 187, 26
Decimal	12302362
CIE Lab	72.84, -15.16, 70.62
CIE LCh	73, 72.227, 102.113
Yxy	44.9204, 0.4184, 0.4969
Android (android.graphics.Color)	4290492442 (0xFFBBB81A)
YUV	166.8850, -69.4563, 17.6409
Hunter-Lab	67.0227, -16.5542, 40.1423

Details

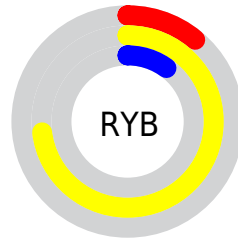
The Yxy color **44.9204, 0.4184, 0.4969** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **4.6912, 0.1589, 0.0757**, and the grayscale version is **38.9154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8325, 0.4053, 0.4704**, and **20.8997, 0.4168, 0.5073** is the 20% darker color. If you saturate the color by 10%, you get **44.7184, 0.4217, 0.5014**, and if you desaturate by 10%, it is **45.1811, 0.4126, 0.4883**.

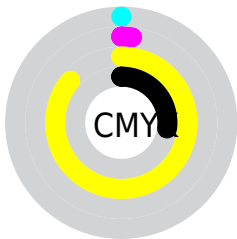
Distribution



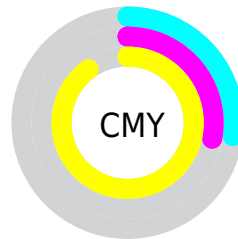
- Red (73%)
- Green (72%)
- Blue (10%)



- Red (11%)
- Yellow (73%)
- Blue (10%)



- Cyan (0%)
- Magenta (2%)
- Yellow (86%)
- Black (27%)



- Cyan (27%)
- Magenta (28%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9204, 0.4184, 0.4969 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 44.9204, 0.4184, 0.4969 by changing the saturation by 10% instead.

■ 44.9204, 0.4184,
0.4969

■ 44.9204, 0.4184,
0.4969

366.4511, 0.3740,
0.4176

■ 31.3947, 0.4251,
0.5129

■ 82.6010, 0.4052,
0.4705

■ 20.8996, 0.4310,
0.5307

■ 107.5246, 0.3993,
0.4598

■ 13.0506, 0.4371,
0.5533

■ 137.0164, 0.3940,
0.4504

■ 7.4634, 0.4317,
0.5683

■ 171.4607, 0.3891,
0.4422

■ 3.7536, 0.4169,
0.5831

■ 211.2420, 0.3848,
0.4349

■ 1.5367, 0.3915,
0.6085

■ 256.7445, 0.3808,

■ 0.3143, 0.0000,

0.4285

1.0000

308.3527, 0.3772,
0.4228

■ 0.0000, 0.0000,
0.0000

■ 44.9204, 0.4184,
0.4969

■ 44.9204, 0.4184,
0.4969

■ 44.7184, 0.4217,
0.5014

■ 45.1811, 0.4126,
0.4883

■ 44.6452, 0.4226,
0.5026

■ 45.5036, 0.4043,
0.4754

■ 45.8977, 0.3935,
0.4586

■ 46.3698, 0.3808,
0.4385

■ 46.9257, 0.3667,
0.4160

■ 47.5704, 0.3518,
0.3921

■ 48.3089, 0.3366,
0.3676

■ 49.1455, 0.3216,
0.3433

■ 50.0844, 0.3071,
0.3199

Harmonies

Analogous

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



44.9204, 0.4877, 0.4333



44.9204, 0.4184, 0.4969



44.9204, 0.3278, 0.5174

Triad

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



44.9204, 0.4184, 0.4969



44.9204, 0.1479, 0.2446



44.9204, 0.3719, 0.2385

Complementary

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



44.9204, 0.4184, 0.4969



4.6912, 0.1589, 0.0757

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.



44.9204, 0.2698, 0.1986



44.9204, 0.4184, 0.4969



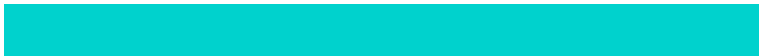
44.9204, 0.1556, 0.1959

Square

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



44.9204, 0.4184, 0.4969



44.9204, 0.1742, 0.3378



44.9204, 0.1954, 0.1830



44.9204, 0.4678, 0.2962

Rectangle

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



44.9204, 0.4184, 0.4969



44.9204, 0.2662, 0.4841



44.9204, 0.1954, 0.1830



44.9204, 0.3362, 0.2227

Sweetspot

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



44.9225, 0.4184, 0.4969



85.1388, 0.3523, 0.3929



11.4092, 0.6044, 0.3265



18.6569, 0.3576, 0.4013



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.



44.9225, 0.4184, 0.4969



79.9022, 0.4227, 0.5026



39.0605, 0.3473, 0.5508



11.0890, 0.3265, 0.3513



30.7677, 0.4226, 0.5027



1.2150, 0.4217, 0.5033

Inverse Universe

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



4.6912, 0.1589, 0.0757



6.5244, 0.1502, 0.0608



7.1064, 0.2121, 0.1023



9.2532, 0.2984, 0.3057



2.5364, 0.1504, 0.0614



0.1093, 0.1519, 0.0669

Previews

White Background



This preview shows how the Yxy color 44.9204, 0.4184, 0.4969 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 44.9204, 0.4184, 0.4969 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 44.9204, 0.4184, 0.4969

Background



This preview shows how black text looks on a background with the Yxy color 44.9204, 0.4184, 0.4969.



This preview shows how white text looks on a background with the Yxy color 44.9204, 0.4184, 0.4969.

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

44.9204, 0.4184, 0.4969

Protanopia

44.7279, 0.4364, 0.4834

Deuteranopia

44.5171, 0.4649, 0.4541



Tritanopia

44.7707, 0.3262, 0.3115

Trichromacy



Original Color

44.9204, 0.4184, 0.4969

Protanomaly

44.8537, 0.4298, 0.4885

Deuteranomaly

44.2308, 0.4485, 0.4693

Tritanomaly

44.1851, 0.3723, 0.3929

Monochromacy



Original Color

44.9204, 0.4184, 0.4969

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.1468, 0.3624, 0.4093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9204, 0.4184, 0.4969 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(187, 184, 26)` looks like.

```
.text, #text, p{  
    color:rgb(187, 184, 26)  
}
```

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(187, 184, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 184, 26) }
```

Border

The CSS property to change the border of an element to Yxy 44.9204, 0.4184, 0.4969 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(187, 184, 26) }
```

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

```
.border{ border-color:rgb(187, 184, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 184, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 184, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 184, 26);  
box-shadow:4px 4px 4px 4px rgb(187, 184,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9204, 0.4184, 0.4969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 184, 26) }
```

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

```
.background{ background-color: rgb(187,  
184, 26) }
```

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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