

Converting Colors

$Yxy(43.1917, 0.4167, 0.4713)$

Have a look what the booklet for
Yxy(43.1917, 0.4167, 0.4713)
contains.

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Color

Yxy(43.2226, 0.4161, 0.4712)

Conversions

Conversions Part 1

Format	Color
Hex	BFB23A
RGB	191, 178, 58
RGB Percent	75%, 70%, 23%
CMY	0.2510, 0.3019, 0.7724
CMYK	0.00, 0.07, 0.70, 0.25
HSL	54°, 53%, 49%
HSV	54°, 70%, 75%
XYZ	38.1683, 43.2226, 10.3378
YIQ	168.2070, 46.2680, -34.5640

Conversions

Conversions Part 2

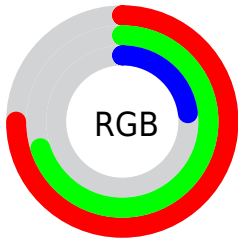
Format	Color
RYB	72, 191, 58
Decimal	12563002
CIELab	71.71, -9.16, 59.98
CIELCh	72, 60.672, 98.680
Yxy	43.2226, 0.4161, 0.4712
Android (android.graphics.Color)	4290753082 (0xFFBFB23A)
YUV	168.2070, -54.3321, 19.9895
Hunter-Lab	65.7439, -11.4217, 36.6977

Details

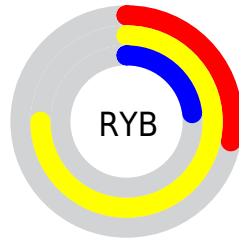
The Yxy color **43.2226, 0.4161, 0.4712** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **9.1695, 0.1838, 0.1257**, and the grayscale version is **39.5221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7717, 0.4011, 0.4476**, and **19.9900, 0.4298, 0.4969** is the 20% darker color. If you saturate the color by 10%, you get **42.3279, 0.4258, 0.4819**, and if you desaturate by 10%, it is **44.2036, 0.4040, 0.4565**.

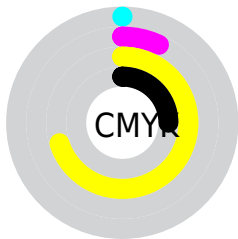
Distribution



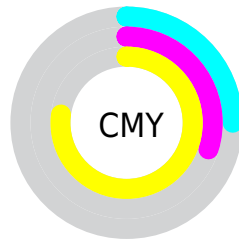
- Red (75%)
- Green (70%)
- Blue (23%)



- Red (28%)
- Yellow (75%)
- Blue (23%)



- Cyan (0%)
- Magenta (7%)
- Yellow (70%)
- Black (25%)




- Cyan (25%)
- Magenta (30%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2226, 0.4161, 0.4712 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 43.2226, 0.4161, 0.4712 by changing the saturation by 10% instead.

 43.2226, 0.4161,
0.4712


 43.2226, 0.4161,
0.4712


359.5264, 0.3692,
0.4027


 30.0598, 0.4250,
0.4859


 80.0467, 0.4009,
0.4478


 19.8840, 0.4343,
0.5028


 104.4767, 0.3946,
0.4385


 12.3107, 0.4430,
0.5216


 133.4313, 0.3890,
0.4304

 6.9557, 0.4533,
0.5467

 167.2949, 0.3841,
0.4234

 3.4344, 0.4440,
0.5560

 206.4518, 0.3797,
0.4173

 1.3625, 0.4280,
0.5720

251.2864, 0.3758,

 0.1888, 0.0000,

0.4118

1.0000

302.1831, 0.3723,
0.4070

■ 0.0000, 0.0000,
0.0000

■ 43.2226, 0.4161,
0.4712

■ 43.2226, 0.4161,
0.4712

■ 42.3279, 0.4258,
0.4819

■ 44.2036, 0.4040,
0.4565

■ 41.5048, 0.4328,
0.4881

■ 45.2719, 0.3900,
0.4383

■ 40.7395, 0.4374,
0.4907

■ 46.4359, 0.3747,
0.4177

■ 40.7105, 0.4376,
0.4907

■ 47.7012, 0.3587,
0.3955

■ 49.0732, 0.3427,
0.3728

■ 50.5566, 0.3271,
0.3501

■ 52.1559, 0.3122,
0.3282

■ 53.8754, 0.2982,
0.3073

■ 55.7191, 0.2853,
0.2878

Harmonies

Analogous

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



43.2226, 0.4706, 0.4177



43.2226, 0.4161, 0.4712



43.2226, 0.3385, 0.4890

Triad

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



43.2226, 0.4161, 0.4712



43.2226, 0.1689, 0.2655



43.2226, 0.3537, 0.2450

Complementary

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



43.2226, 0.4161, 0.4712



9.1695, 0.1838, 0.1257

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.



43.2226, 0.2676, 0.2113



43.2226, 0.4161, 0.4712



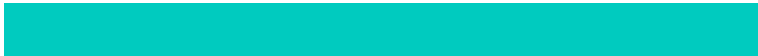
43.2226, 0.1719, 0.2166

Square

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



43.2226, 0.4161, 0.4712



43.2226, 0.1976, 0.3491



43.2226, 0.2048, 0.2005



43.2226, 0.4372, 0.2958

Rectangle

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



43.2226, 0.4161, 0.4712



43.2226, 0.2840, 0.4650



43.2226, 0.2048, 0.2005



43.2226, 0.3235, 0.2315

Sweetspot

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



43.2246, 0.4161, 0.4712



87.4669, 0.3454, 0.3767



14.5633, 0.5219, 0.3148



19.0539, 0.3499, 0.3831



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.



43.2246, 0.4161, 0.4712



74.9627, 0.4301, 0.4860



42.9488, 0.3573, 0.5143



10.9570, 0.3267, 0.3495



26.8239, 0.4373, 0.4910



1.0974, 0.4325, 0.4948

Inverse Universe

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



9.1695, 0.1838, 0.1257



10.3967, 0.1623, 0.0874



10.1838, 0.2243, 0.1305



9.3712, 0.2984, 0.3076



2.8261, 0.1521, 0.0676



0.1617, 0.1594, 0.0939

Previews

White Background



This preview shows how the Yxy color 43.2226, 0.4161, 0.4712 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 43.2226, 0.4161, 0.4712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

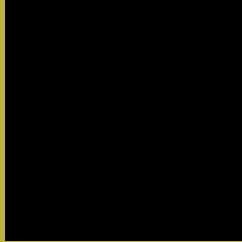
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2226, 0.4161, 0.4712

Background



This preview shows how black text looks on a background with the Yxy color 43.2226, 0.4161, 0.4712.



This preview shows how white text looks on a background with the Yxy color 43.2226, 0.4161, 0.4712.

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

43.2226, 0.4161, 0.4712

Protanopia

43.2265, 0.4236, 0.4657

Deuteranopia

43.0453, 0.4503, 0.4415



Tritanopia

42.9446, 0.3340, 0.3127

Trichromacy



Original Color

43.2226, 0.4161, 0.4712

Protanomaly

43.3519, 0.4208, 0.4679

Deuteranomaly

43.0181, 0.4378, 0.4517

Tritanomaly

42.3690, 0.3695, 0.3748

Monochromacy



Original Color

43.2226, 0.4161, 0.4712

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.2937, 0.3545, 0.3907

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2226, 0.4161, 0.4712 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, 178, 58)` looks like.

```
.text, #text, p{  
    color:rgb(191, 178, 58)  
}
```

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, 178, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 178, 58) }
```

Border

The CSS property to change the border of an element to Yxy 43.2226, 0.4161, 0.4712 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, 178, 58) }
```

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

```
.border{ border-color:rgb(191, 178, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 178, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 178, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 178, 58);  
box-shadow:4px 4px 4px 4px rgb(191, 178,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2226, 0.4161, 0.4712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 178, 58) }
```

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

```
.background{ background-color: rgb(191,  
178, 58) }
```

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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