

Converting Colors

$Y_{xy}(43.3407, 0.4428, 0.4116)$

Have a look what the booklet for
Yxy(43.3407, 0.4428, 0.4116)
contains.

Yxy(43.2465, 0.4429, 0.4112)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.2465, 0.4429, 0.4112)

Conversions

Conversions Part 1

Format	Color
Hex	E3A359
RGB	227, 163, 89
RGB Percent	89%, 64%, 35%
CMY	0.1098, 0.3608, 0.6510
CMYK	0.00, 0.28, 0.61, 0.11
HSL	32°, 71%, 62%
HSV	32°, 61%, 89%
XYZ	46.5804, 43.2465, 15.3445
YIQ	173.7000, 61.8980, -9.4460

Conversions

Conversions Part 2

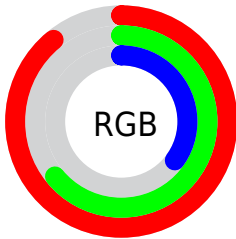
Format	Color
R_{YB}	208, 227, 89
Decimal	14918489
CIE _{Lab}	71.72, 16.10, 47.17
CIE _{LCh}	72, 49.837, 71.157
Yxy	43.2465, 0.4429, 0.4112
Android (android.graphics.Color)	4293108569 (0xFFE3A359)
YUV	173.7000, -41.7571, 46.7441
Hunter-Lab	65.7621, 11.3511, 32.1991

Details

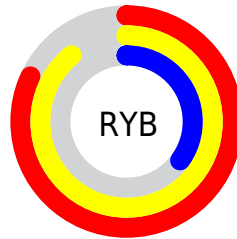
The Yxy color **43.2465, 0.4429, 0.4112** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **30.4559, 0.2147, 0.2226**, and the grayscale version is **42.3614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3259, 0.3950, 0.4073**, and **19.8402, 0.4762, 0.4256** is the 20% darker color. If you saturate the color by 10%, you get **39.3397, 0.4689, 0.4194**, and if you desaturate by 10%, it is **47.5864, 0.4170, 0.3998**.

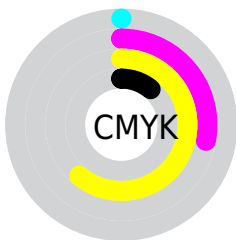
Distribution



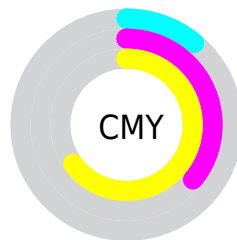
- Red (89%)
- Green (64%)
- Blue (35%)



- Red (82%)
- Yellow (89%)
- Blue (35%)



- Cyan (0%)
- Magenta (28%)
- Yellow (61%)
- Black (11%)




- Cyan (11%)
- Magenta (36%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2465, 0.4429, 0.4112 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 43.2465, 0.4429, 0.4112 by changing the saturation by 10% instead.


 43.2465, 0.4429,
0.4112


 43.2465, 0.4429,
0.4112


359.6245, 0.3787,
0.3744

 30.0786, 0.4577,
0.4183


 80.0827, 0.4203,
0.3992


 19.8982, 0.4757,
0.4261


 104.5198, 0.4116,
0.3943

 12.3211, 0.4975,
0.4337


 133.4820, 0.4041,
0.3899

 6.9627, 0.5256,
0.4411

 167.3538, 0.3976,
0.3861

 3.4388, 0.5578,
0.4422

206.5196, 0.3920,
0.3826

 1.3649, 0.5813,
0.4187

251.3637, 0.3870,

 0.1906, 0.7507,

0.3796

0.2493

302.2705, 0.3826,
0.3768

0.0000, 0.0000,
0.0000

43.2465, 0.4429,
0.4112

43.2465, 0.4429,
0.4112

39.3397, 0.4689,
0.4194

47.5864, 0.4170,
0.3998

35.8408, 0.4935,
0.4232

52.3702, 0.3922,
0.3864


32.7308, 0.5151,
0.4216


57.6156, 0.3693,
0.3720


30.1829, 0.5319,
0.4159


63.3375, 0.3486,
0.3575

69.5499, 0.3302,
0.3434

 76.2661, 0.3139,
0.3300

 83.4988, 0.2996,
0.3175

 90.2135, 0.2957,
0.3211

 95.0718, 0.2958,
0.3290

Harmonies

Analogous

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



43.2465, 0.4532, 0.3590



43.2465, 0.4429, 0.4112



43.2465, 0.3967, 0.4511

Triad

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



43.2465, 0.4429, 0.4112



43.2465, 0.2135, 0.3404



43.2465, 0.2813, 0.2306

Complementary

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



43.2465, 0.4429, 0.4112



30.4559, 0.2147, 0.2226

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.



43.2465, 0.2254, 0.2199



43.2465, 0.4429, 0.4112



43.2465, 0.1900, 0.2735

Square

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



43.2465, 0.4429, 0.4112



43.2465, 0.2640, 0.4142



43.2465, 0.1943, 0.2330



43.2465, 0.3534, 0.2613

Rectangle

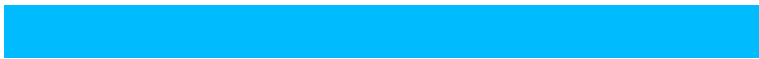
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.2465, 0.4429, 0.4112



43.2465, 0.3540, 0.4604



43.2465, 0.1943, 0.2330



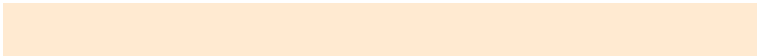
43.2465, 0.2602, 0.2246

Sweetspot

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



43.2486, 0.4429, 0.4112



84.5502, 0.3435, 0.3537



25.7910, 0.4105, 0.2580



17.6056, 0.3491, 0.3579



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



43.2486, 0.4429, 0.4112



49.9395, 0.4757, 0.4209



71.2562, 0.3946, 0.4724



15.6415, 0.3279, 0.3416



17.8378, 0.5298, 0.4176



1.5037, 0.5093, 0.4338

Inverse Universe

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



30.4559, 0.2147, 0.2226



31.9838, 0.1974, 0.1958



15.0511, 0.1975, 0.1350



14.9834, 0.2981, 0.3161



9.3883, 0.1740, 0.1463



0.8781, 0.1817, 0.1739

Previews

White Background



This preview shows how the Yxy color 43.2465, 0.4429, 0.4112 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 43.2465, 0.4429, 0.4112 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 43.2465, 0.4429, 0.4112

Background



This preview shows how black text looks on a background with the Yxy color 43.2465, 0.4429, 0.4112.



This preview shows how white text looks on a background with the Yxy color 43.2465, 0.4429, 0.4112.

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

43.2465, 0.4429, 0.4112

Protanopia

43.3103, 0.3988, 0.4345

Deuteranopia

43.4616, 0.4304, 0.4215



Tritanopia

43.1880, 0.3802, 0.3155

Trichromacy



Original Color

43.2465, 0.4429, 0.4112

Protanomaly

43.0203, 0.4146, 0.4252

Deuteranomaly

43.3492, 0.4357, 0.4177

Tritanomaly

42.9378, 0.4057, 0.3512

Monochromacy



Original Color

43.2465, 0.4429, 0.4112

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0701, 0.3583, 0.3648

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2465, 0.4429, 0.4112 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(227, 163, 89)` looks like.

```
.text, #text, p{  
    color:rgb(227, 163, 89)  
}
```

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(227, 163, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 163, 89) }
```

Border

The CSS property to change the border of an element to Yxy 43.2465, 0.4429, 0.4112 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(227, 163, 89) }
```

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

```
.border{ border-color:rgb(227, 163, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 163, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 163, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 163, 89);  
box-shadow:4px 4px 4px 4px rgb(227, 163,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2465, 0.4429, 0.4112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 163, 89) }
```

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

```
.background{ background-color: rgb(227,  
163, 89) }
```

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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