

Converting Colors

Yxy(50.4071, 0.4104, 0.4120)

Have a look what the booklet for
Yxy(50.4071, 0.4104, 0.4120)
contains.

Yxy(50.4290, 0.4103, 0.4115)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.4290, 0.4103, 0.4115)

Conversions

Conversions Part 1

Format	Color
Hex	E0B66E
RGB	224, 182, 110
RGB Percent	88%, 71%, 43%
CMY	0.1216, 0.2862, 0.5686
CMYK	0.00, 0.19, 0.51, 0.12
HSL	38°, 65%, 65%
HSV	38°, 51%, 88%
XYZ	50.2819, 50.4290, 21.8383
YIQ	186.3500, 48.1440, -13.4880

Conversions

Conversions Part 2

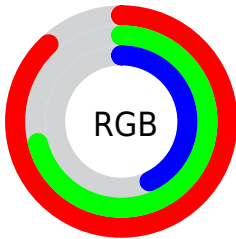
Format	Color
RYB	177, 224, 110
Decimal	14726766
CIELab	76.33, 6.40, 42.12
CIELCh	76, 42.606, 81.357
Yxy	50.4290, 0.4103, 0.4115
Android (android.graphics.Color)	4292916846 (0xFFE0B66E)
YUV	186.3500, -37.6405, 33.0191
Hunter-Lab	71.0134, 2.1158, 31.4763

Details

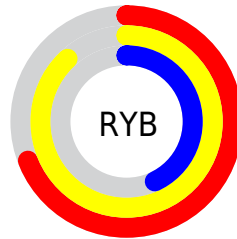
The Yxy color **50.4290, 0.4103, 0.4115** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.1530, 0.2268, 0.2271**, and the grayscale version is **49.5060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0534, 0.3727, 0.4042**, and **24.1337, 0.4342, 0.4296** is the 20% darker color. If you saturate the color by 10%, you get **46.7227, 0.4327, 0.4249**, and if you desaturate by 10%, it is **54.4626, 0.3883, 0.3960**.

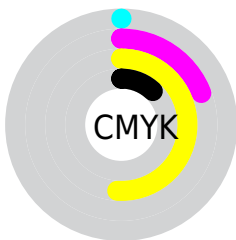
Distribution



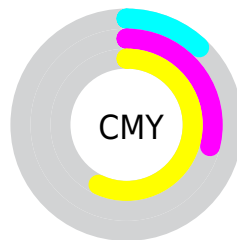
- Red (88%)
- Green (71%)
- Blue (43%)



- Red (69%)
- Yellow (88%)
- Blue (43%)



- Cyan (0%)
- Magenta (19%)
- Yellow (51%)
- Black (12%)




- Cyan (12%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4290, 0.4103, 0.4115 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 50.4290, 0.4103, 0.4115 by changing the saturation by 10% instead.


 50.4290, 0.4103,
0.4115

 50.4290, 0.4103,
0.4115


388.3412, 0.3632,
0.3730


 35.7544, 0.4211,
0.4199


 90.8102, 0.3938,
0.3983


 24.2446, 0.4342,
0.4298


 117.2855, 0.3874,
0.3931

 15.5151, 0.4504,
0.4415


 148.4633, 0.3820,
0.3886

 9.1817, 0.4701,
0.4548

 184.7277, 0.3772,
0.3847

 4.8599, 0.5016,
0.4759

226.4634, 0.3731,
0.3812

 2.1653, 0.5210,
0.4790

274.0546, 0.3694,

 0.7010, 0.5399,

0.3782

0.4601

327.8857, 0.3661,
0.3754

0.0000, 0.0000,
0.0000

50.4290, 0.4103,
0.4115

50.4290, 0.4103,
0.4115

46.7227, 0.4327,
0.4249

54.4626, 0.3883,
0.3960

43.3235, 0.4544,
0.4351

58.8280, 0.3673,
0.3794

40.2196, 0.4743,
0.4408

63.5387, 0.3478,
0.3626

37.3944, 0.4912,
0.4414

68.6049, 0.3300,
0.3461

35.0391, 0.5041,
0.4379

74.0364, 0.3140,
0.3304

■ 79.8424, 0.2998,
0.3156

■ 85.2478, 0.2937,
0.3134

■ 90.2105, 0.2939,
0.3219

■ 94.5863, 0.2940,
0.3289

Harmonies

Analogous

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



50.4290, 0.4286, 0.3713



50.4290, 0.4103, 0.4115



50.4290, 0.3661, 0.4340

Triad

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



50.4290, 0.4103, 0.4115



50.4290, 0.2214, 0.3192



50.4290, 0.3069, 0.2538

Complementary

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



50.4290, 0.4103, 0.4115



31.1530, 0.2268, 0.2271

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.



50.4290, 0.2545, 0.2387



50.4290, 0.4103, 0.4115



50.4290, 0.2089, 0.2705

Square

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



50.4290, 0.4103, 0.4115



50.4290, 0.2572, 0.3785



50.4290, 0.2204, 0.2435



50.4290, 0.3661, 0.2848

Rectangle

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



50.4290, 0.4103, 0.4115



50.4290, 0.3290, 0.4313



50.4290, 0.2204, 0.2435



50.4290, 0.2879, 0.2468

Sweetspot

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



50.4314, 0.4103, 0.4115



89.1143, 0.3373, 0.3530



29.3240, 0.3999, 0.2784



18.7659, 0.3411, 0.3565



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.



50.4314, 0.4103, 0.4115



62.4216, 0.4339, 0.4256



68.2379, 0.3764, 0.4566



15.1363, 0.3276, 0.3438



20.6232, 0.5025, 0.4392



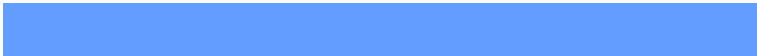
1.5987, 0.4863, 0.4521

Inverse Universe

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



31.1530, 0.2268, 0.2271



33.9267, 0.2093, 0.2014



20.7697, 0.2250, 0.1715



14.0660, 0.2981, 0.3138



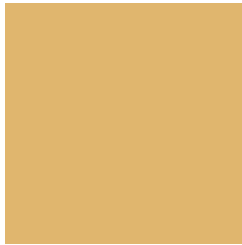
6.8917, 0.1661, 0.1179



0.6448, 0.1747, 0.1489

Previews

White Background



This preview shows how the Yxy color 50.4290, 0.4103, 0.4115 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 50.4290, 0.4103, 0.4115 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 50.4290, 0.4103, 0.4115

Background



This preview shows how black text looks on a background with the Yxy color 50.4290, 0.4103, 0.4115.



This preview shows how white text looks on a background with the Yxy color 50.4290, 0.4103, 0.4115.

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

50.4290, 0.4103, 0.4115

Protanopia

50.6869, 0.3884, 0.4227

Deuteranopia

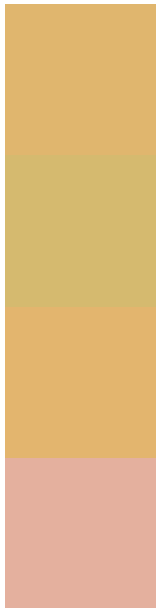
50.4263, 0.4161, 0.4078



Tritanopia

50.4212, 0.3539, 0.3144

Trichromacy



Original Color

50.4290, 0.4103, 0.4115

Protanomaly

50.4116, 0.3972, 0.4183

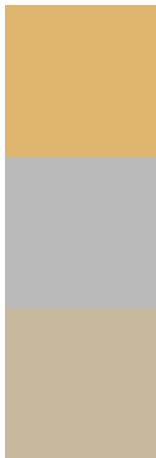
Deuteranomaly

50.5044, 0.4137, 0.4095

Tritanomaly

50.0133, 0.3758, 0.3500

Monochromacy



Original Color

50.4290, 0.4103, 0.4115

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.4459, 0.3476, 0.3631

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4290, 0.4103, 0.4115 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(224, 182, 110)` looks like.

```
.text, #text, p{  
    color:rgb(224, 182, 110)  
}
```

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(224, 182, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 182, 110) }
```

Border

The CSS property to change the border of an element to Yxy 50.4290, 0.4103, 0.4115 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(224, 182, 110) }
```

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

```
.border{ border-color:rgb(224, 182, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 182, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 182, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 182, 110);  
box-shadow:4px 4px 4px 4px rgb(224, 182,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4290, 0.4103, 0.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 182, 110) }
```

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

```
.background{ background-color: rgb(224,  
182, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor