

Converting Colors

$Yxy(53.0130, 0.4195, 0.4277)$

Have a look what the booklet for
Yxy(53.0130, 0.4195, 0.4277)
contains.

Yxy(52.9165, 0.4194, 0.4270)	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(52.9165, 0.4194, 0.4270)

Conversions

Conversions Part 1

Format	Color
Hex	E4BB62
RGB	228, 187, 98
RGB Percent	89%, 73%, 38%
CMY	0.1058, 0.2667, 0.6156
CMYK	0.00, 0.18, 0.57, 0.11
HSL	41°, 71%, 64%
HSV	41°, 57%, 89%
XYZ	51.9747, 52.9165, 19.0351
YIQ	189.1130, 53.0050, -18.9870

Conversions

Conversions Part 2

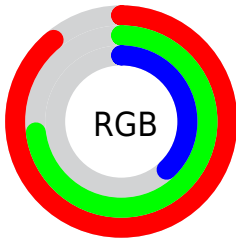
Format	Color
RYB	158, 228, 98
Decimal	14990178
CIELab	77.83, 4.45, 49.94
CIELCh	78, 50.136, 84.906
Yxy	52.9165, 0.4194, 0.4270
Android (android.graphics.Color)	4293180258 (0xFFE4BB62)
YUV	189.1130, -44.9187, 34.1039
Hunter-Lab	72.7437, 0.2349, 35.4060

Details

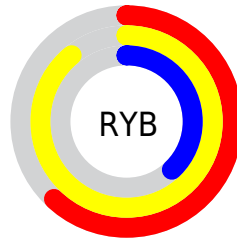
The Yxy color **52.9165, 0.4194, 0.4270** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **26.6777, 0.2142, 0.2021**, and the grayscale version is **51.1995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5955, 0.3783, 0.4201**, and **25.8015, 0.4437, 0.4469** is the 20% darker color. If you saturate the color by 10%, you get **49.5711, 0.4394, 0.4395**, and if you desaturate by 10%, it is **56.5426, 0.3987, 0.4116**.

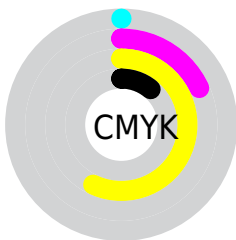
Distribution



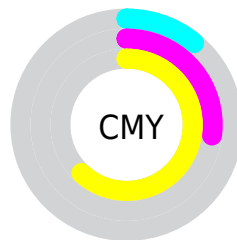
- Red (89%)
- Green (73%)
- Blue (38%)



- Red (62%)
- Yellow (89%)
- Blue (38%)



- Cyan (0%)
- Magenta (18%)
- Yellow (57%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9165, 0.4194, 0.4270 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 52.9165, 0.4194, 0.4270 by changing the saturation by 10% instead.

 52.9165, 0.4194,
0.4270

 52.9165, 0.4194,
0.4270

397.9647, 0.3693,
0.3820

 37.7361, 0.4303,
0.4364


 94.4815, 0.4022,
0.4119

 25.7779, 0.4433,
0.4474


 121.6349, 0.3955,
0.4058

 16.6576, 0.4586,
0.4598


 153.5481, 0.3896,
0.4006

 9.9907, 0.4761,
0.4731

 190.6054, 0.3845,
0.3959

 5.3928, 0.5048,
0.4952

233.1914, 0.3800,
0.3918

 2.4795, 0.5099,
0.4901

281.6903, 0.3760,

 0.8664, 0.5192,

0.3882

0.4808

336.4866, 0.3724,
0.3850

0.0000, 0.0000,
0.0000

52.9165, 0.4194,
0.4270

52.9165, 0.4194,
0.4270

49.5711, 0.4394,
0.4395

56.5426, 0.3987,
0.4116

46.4858, 0.4578,
0.4480

60.4535, 0.3783,
0.3944

43.6484, 0.4736,
0.4517

64.6622, 0.3587,
0.3764

41.0402, 0.4862,
0.4504

69.1789, 0.3404,
0.3583

40.2965, 0.4896,
0.4494

74.0126, 0.3236,
0.3408

■ 79.1722, 0.3083,
0.3241

■ 84.4952, 0.2962,
0.3111

■ 88.7540, 0.2963,
0.3184

■ 93.1819, 0.2964,
0.3257

Harmonies

Analogous

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



52.9165, 0.4458, 0.3815



52.9165, 0.4194, 0.4270



52.9165, 0.3655, 0.4517

Triad

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



52.9165, 0.4194, 0.4270



52.9165, 0.2053, 0.3089



52.9165, 0.3135, 0.2469

Complementary

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



52.9165, 0.4194, 0.4270



26.6777, 0.2142, 0.2021

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.



52.9165, 0.2518, 0.2275



52.9165, 0.4194, 0.4270



52.9165, 0.1949, 0.2560

Square

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



52.9165, 0.4194, 0.4270



52.9165, 0.2423, 0.3786



52.9165, 0.2109, 0.2294



52.9165, 0.3819, 0.2834

Rectangle

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



52.9165, 0.4194, 0.4270



52.9165, 0.3224, 0.4465



52.9165, 0.2109, 0.2294



52.9165, 0.2913, 0.2383

Sweetspot

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



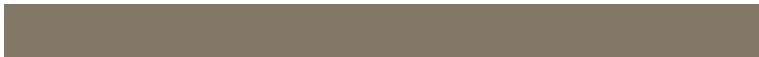
52.9190, 0.4194, 0.4270



89.0968, 0.3405, 0.3585



27.1061, 0.4288, 0.2832



18.8117, 0.3441, 0.3621



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.



52.9190, 0.4194, 0.4270



63.3040, 0.4421, 0.4410



69.2417, 0.3756, 0.4737



16.0098, 0.3275, 0.3450



23.4866, 0.4883, 0.4505



1.9004, 0.4757, 0.4605

Inverse Universe

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



26.6777, 0.2142, 0.2021



26.6930, 0.1955, 0.1720



18.4692, 0.2190, 0.1534



14.6256, 0.2981, 0.3124



6.0943, 0.1622, 0.1039



0.6123, 0.1703, 0.1330

Previews

White Background



This preview shows how the Yxy color 52.9165, 0.4194, 0.4270 looks on a white background.

Color Contrast Check

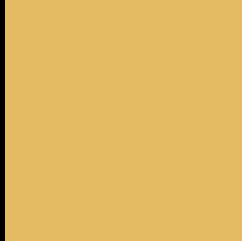
Large Text (above 18pt) WCAG AA × Fail

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 52.9165, 0.4194, 0.4270 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 52.9165, 0.4194, 0.4270

Background



This preview shows how black text looks on a background with the Yxy color 52.9165, 0.4194, 0.4270.



This preview shows how white text looks on a background with the Yxy color 52.9165, 0.4194, 0.4270.

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

52.9165, 0.4194, 0.4270

Protanopia

53.0571, 0.4000, 0.4373

Deuteranopia

52.7724, 0.4294, 0.4188



Tritanopia

52.9949, 0.3540, 0.3147

Trichromacy



Original Color

52.9165, 0.4194, 0.4270

Protanomaly

53.0679, 0.4072, 0.4340

Deuteranomaly

52.6743, 0.4261, 0.4209

Tritanomaly

52.8057, 0.3794, 0.3564

Monochromacy



Original Color

52.9165, 0.4194, 0.4270

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0632, 0.3512, 0.3689

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9165, 0.4194, 0.4270 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(228, 187, 98)` looks like.

```
.text, #text, p{  
    color:rgb(228, 187, 98)  
}
```

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(228, 187, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 187, 98) }
```

Border

The CSS property to change the border of an element to Yxy 52.9165, 0.4194, 0.4270 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(228, 187, 98) }
```

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

```
.border{ border-color:rgb(228, 187, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 187, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 187, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 187, 98);  
box-shadow:4px 4px 4px 4px rgb(228, 187,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9165, 0.4194, 0.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 187, 98) }
```

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

```
.background{ background-color: rgb(228,  
187, 98) }
```

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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