

Converting Colors

$Yxy(41.2261, 0.4198, 0.3654)$

Have a look what the booklet for
Yxy(41.2261, 0.4198, 0.3654)
contains.

Yxy(41.1993, 0.4205, 0.3651)	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(41.1993, 0.4205, 0.3651)

Conversions

Conversions Part 1

Format	Color
Hex	E59A7B
RGB	229, 154, 123
RGB Percent	90%, 60%, 48%
CMY	0.1019, 0.3961, 0.5176
CMYK	0.00, 0.33, 0.46, 0.10
HSL	18°, 67%, 69%
HSV	18°, 46%, 90%
XYZ	47.4509, 41.1993, 24.1937
YIQ	172.8910, 54.6510, 6.2590

Conversions

Conversions Part 2

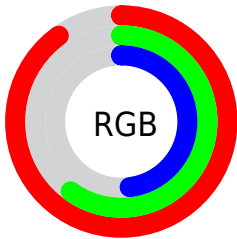
Format	Color
R_{YB}	229, 167, 123
Decimal	15047291
CIE _{Lab}	70.32, 24.60, 27.68
CIE _{LCh}	70, 37.033, 48.375
Yxy	41.1993, 0.4205, 0.3651
Android (android.graphics.Color)	4293237371 (0xFFE59A7B)
YUV	172.8910, -24.5963, 49.2076
Hunter-Lab	64.1867, 19.6318, 22.5826

Details

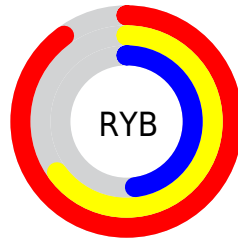
The Yxy color **41.1993, 0.4205, 0.3651** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **50.2803, 0.2438, 0.2883**, and the grayscale version is **41.8393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9955, 0.3731, 0.3633**, and **18.6551, 0.4528, 0.3708** is the 20% darker color. If you saturate the color by 10%, you get **35.6991, 0.4548, 0.3716**, and if you desaturate by 10%, it is **47.5603, 0.3901, 0.3574**.

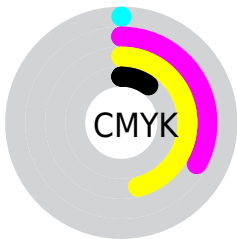
Distribution



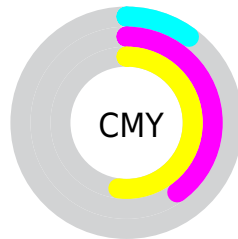
- Red (90%)
- Green (60%)
- Blue (48%)



- Red (90%)
- Yellow (65%)
- Blue (48%)



- Cyan (0%)
- Magenta (33%)
- Yellow (46%)
- Black (10%)





- Cyan (10%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1993, 0.4205, 0.3651 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 41.1993, 0.4205, 0.3651 by changing the saturation by 10% instead.


 41.1993, 0.4205,
0.3651

 41.1993, 0.4205,
0.3651

351.1529, 0.3652,
0.3492


 28.4748, 0.4345,
0.3682


 76.9863, 0.4002,
0.3599

 18.6839, 0.4524,
0.3715


 100.8177, 0.3927,
0.3578

 11.4421, 0.4760,
0.3749


 129.1202, 0.3863,
0.3560

 6.3650, 0.5082,
0.3773

162.2782, 0.3808,
0.3543

 3.0683, 0.5578,
0.3788

200.6760, 0.3761,
0.3528

 1.1675, 0.6314,
0.3686

244.6982, 0.3720,

 0.0349, 0.9478,

0.3515

0.0522

294.7290, 0.3684,
0.3503

0.0000, 0.0000,
0.0000

41.1993, 0.4205,
0.3651

41.1993, 0.4205,
0.3651

35.6991, 0.4548,
0.3716

47.5603, 0.3901,
0.3574

31.0153, 0.4918,
0.3760

54.8118, 0.3639,
0.3493

27.1087, 0.5293,
0.3768

62.9894, 0.3417,
0.3412

23.9335, 0.5638,
0.3732

72.1248, 0.3229,
0.3336

21.4385, 0.5916,
0.3650

82.2484, 0.3072,
0.3264

■ 20.6680, 0.6004,
0.3615

■ 93.0345, 0.2969,
0.3252

■ 95.4025, 0.2970,
0.3290

Harmonies

Analogous

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



41.1993, 0.4022, 0.3228



41.1993, 0.4205, 0.3651



41.1993, 0.4068, 0.4033

Triad

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



41.1993, 0.4205, 0.3651



41.1993, 0.2655, 0.3800



41.1993, 0.2544, 0.2439

Complementary

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



41.1993, 0.4205, 0.3651



50.2803, 0.2438, 0.2883

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.



41.1993, 0.2242, 0.2507



41.1993, 0.4205, 0.3651



41.1993, 0.2298, 0.3256

Square

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



41.1993, 0.4205, 0.3651



41.1993, 0.3158, 0.4189



41.1993, 0.2156, 0.2785



41.1993, 0.3021, 0.2563

Rectangle

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



41.1993, 0.4205, 0.3651



41.1993, 0.3829, 0.4209



41.1993, 0.2156, 0.2785



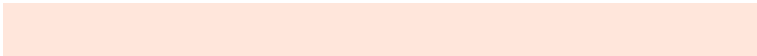
41.1993, 0.2421, 0.2439

Sweetspot

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



41.2013, 0.4205, 0.3651



82.8350, 0.3372, 0.3395



34.9544, 0.3481, 0.2447



17.2109, 0.3416, 0.3412



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.



41.2013, 0.4205, 0.3651



45.5221, 0.4549, 0.3717



62.2629, 0.3919, 0.4208



15.0507, 0.3285, 0.3359



11.9947, 0.5976, 0.3637



1.0427, 0.5689, 0.3865

Inverse Universe

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



50.2803, 0.2438, 0.2883



58.4028, 0.2311, 0.2777



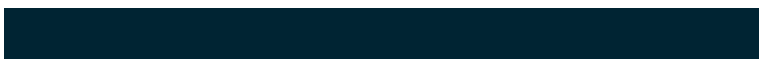
30.4227, 0.2306, 0.2153



15.5876, 0.2981, 0.3220



18.2429, 0.1976, 0.2312



1.5066, 0.2020, 0.2472

Previews

White Background



This preview shows how the Yxy color 41.1993, 0.4205, 0.3651 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 41.1993, 0.4205, 0.3651 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 41.1993, 0.4205, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 41.1993, 0.4205, 0.3651.



This preview shows how white text looks on a background with the Yxy color 41.1993, 0.4205, 0.3651.

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

41.1993, 0.4205, 0.3651

Protanopia

41.3341, 0.3597, 0.3850

Deuteranopia

41.2699, 0.3926, 0.3850



Tritanopia

41.1888, 0.3871, 0.3166

Trichromacy



Original Color

41.1993, 0.4205, 0.3651

Protanomaly

40.7481, 0.3811, 0.3772

Deuteranomaly

41.1910, 0.4027, 0.3771

Tritanomaly

41.2287, 0.3992, 0.3339

Monochromacy



Original Color

41.1993, 0.4205, 0.3651

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.9765, 0.3484, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1993, 0.4205, 0.3651 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(229, 154, 123)` looks like.

```
.text, #text, p{  
    color:rgb(229, 154, 123)  
}
```

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(229, 154, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 154, 123) }
```

Border

The CSS property to change the border of an element to Yxy 41.1993, 0.4205, 0.3651 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(229, 154, 123) }
```

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

```
.border{ border-color:rgb(229, 154, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 154, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 154, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 154, 123);  
box-shadow:4px 4px 4px 4px rgb(229, 154,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1993, 0.4205, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 154, 123) }
```

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

```
.background{ background-color: rgb(229,  
154, 123) }
```

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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