

Converting Colors

$Y_{xy}(41.1854, 0.3957, 0.3713)$

Have a look what the booklet for
Yxy(41.1854, 0.3957, 0.3713)
contains.

Yxy(41.0191, 0.3959, 0.3714)	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(41.0191, 0.3959, 0.3714)

Conversions

Conversions Part 1

Format	Color
Hex	D4A17F
RGB	212, 161, 127
RGB Percent	83%, 63%, 50%
CMY	0.1687, 0.3686, 0.5019
CMYK	0.00, 0.24, 0.40, 0.17
HSL	24°, 50%, 66%
HSV	24°, 40%, 83%
XYZ	43.7250, 41.0191, 25.7004
YIQ	172.3730, 41.3100, 0.2380

Conversions

Conversions Part 2

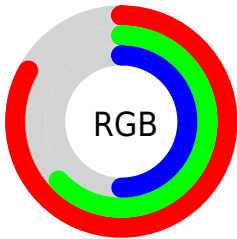
Format	Color
RYB	212, 184, 127
Decimal	13934975
CIELab	70.19, 14.48, 25.00
CIELCh	70, 28.890, 59.927
Yxy	41.0191, 0.3959, 0.3714
Android (android.graphics.Color)	4292125055 (0xFFD4A17F)
YUV	172.3730, -22.3689, 34.7529
Hunter-Lab	64.0462, 9.7831, 21.0404

Details

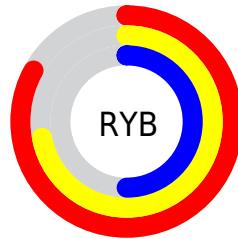
The Yxy color **41.0191, 0.3959, 0.3714** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.1081, 0.2505, 0.2817**, and the grayscale version is **41.5553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6670, 0.3680, 0.3661**, and **18.5553, 0.4211, 0.3801** is the 20% darker color. If you saturate the color by 10%, you get **36.3031, 0.4243, 0.3815**, and if you desaturate by 10%, it is **46.3076, 0.3705, 0.3605**.

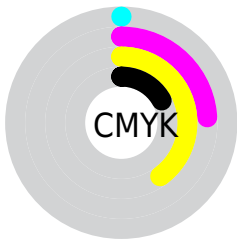
Distribution



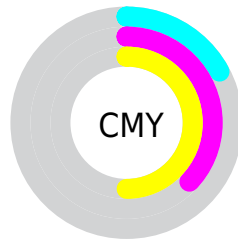
- Red (83%)
- Green (63%)
- Blue (50%)



- Red (83%)
- Yellow (72%)
- Blue (50%)



- Cyan (0%)
- Magenta (24%)
- Yellow (40%)
- Black (17%)





- Cyan (17%)
- Magenta (37%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0191, 0.3959, 0.3714 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 41.0191, 0.3959, 0.3714 by changing the saturation by 10% instead.

 41.0191, 0.3959,
0.3714


 41.0191, 0.3959,
0.3714


350.4004, 0.3533,
0.3512

 28.3340, 0.4067,
0.3760


 76.7129, 0.3802,
0.3644

 18.5776, 0.4207,
0.3815


 100.4904, 0.3744,
0.3616

 11.3655, 0.4392,
0.3882


 128.7341, 0.3695,
0.3593

 6.3132, 0.4647,
0.3961

161.8285, 0.3653,
0.3572

 3.0365, 0.5030,
0.4055

200.1579, 0.3617,
0.3554

 1.1508, 0.5772,
0.4228

244.1068, 0.3585,

 0.0210, 0.9468,

0.3539

0.0532

294.0595, 0.3557,
0.3525

0.0000, 0.0000,
0.0000

41.0191, 0.3959,
0.3714

41.0191, 0.3959,
0.3714

36.3031, 0.4243,
0.3815

46.3076, 0.3705,
0.3605

32.1328, 0.4553,
0.3900

52.1822, 0.3484,
0.3496

28.4880, 0.4876,
0.3955


58.6636, 0.3293,
0.3390


25.3444, 0.5192,
0.3969

65.7693, 0.3128,
0.3291

22.6753, 0.5476,
0.3930

73.5162, 0.2988,
0.3198

 20.4593, 0.5712,
0.3847

 81.9207, 0.2867,
0.3113

 89.6128, 0.2869,
0.3238

 92.7347, 0.2872,
0.3289

Harmonies

Analogous

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



41.0191, 0.3908, 0.3381



41.0191, 0.3959, 0.3714



41.0191, 0.3773, 0.3968

Triad

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



41.0191, 0.3959, 0.3714



41.0191, 0.2631, 0.3529



41.0191, 0.2802, 0.2630

Complementary

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



41.0191, 0.3959, 0.3714



41.1081, 0.2505, 0.2817

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.



41.0191, 0.2497, 0.2628



41.0191, 0.3959, 0.3714



41.0191, 0.2403, 0.3117

Square

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



41.0191, 0.3959, 0.3714



41.0191, 0.2999, 0.3888



41.0191, 0.2357, 0.2794



41.0191, 0.3215, 0.2782

Rectangle

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



41.0191, 0.3959, 0.3714



41.0191, 0.3548, 0.4047



41.0191, 0.2357, 0.2794



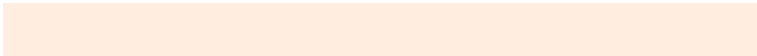
41.0191, 0.2684, 0.2611

Sweetspot

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



41.0211, 0.3959, 0.3714



87.0237, 0.3330, 0.3412



32.3949, 0.3527, 0.2671



18.3424, 0.3354, 0.3425



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.



41.0211, 0.3959, 0.3714



56.2185, 0.4197, 0.3800



58.4707, 0.3759, 0.4191



13.2279, 0.3281, 0.3384



12.8166, 0.5687, 0.3867



0.9327, 0.5371, 0.4117

Inverse Universe

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



41.1081, 0.2505, 0.2817



56.3358, 0.2381, 0.2696



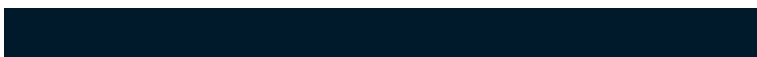
26.7411, 0.2408, 0.2192



13.2356, 0.2982, 0.3194



12.5378, 0.1870, 0.1932



0.9162, 0.1942, 0.2191

Previews

White Background



This preview shows how the Yxy color 41.0191, 0.3959, 0.3714 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 41.0191, 0.3959, 0.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

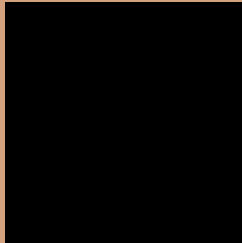
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0191, 0.3959, 0.3714

Background



This preview shows how black text looks on a background with the Yxy color 41.0191, 0.3959, 0.3714.



This preview shows how white text looks on a background with the Yxy color 41.0191, 0.3959, 0.3714.

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

41.0191, 0.3959, 0.3714

Protanopia

41.3613, 0.3588, 0.3836

Deuteranopia

41.1131, 0.3860, 0.3792



Tritanopia

41.1659, 0.3619, 0.3158

Trichromacy



Original Color

41.0191, 0.3959, 0.3714

Protanomaly

41.0863, 0.3720, 0.3794

Deuteranomaly

41.1791, 0.3894, 0.3774

Tritanomaly

41.1678, 0.3754, 0.3366

Monochromacy



Original Color

41.0191, 0.3959, 0.3714

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9704, 0.3412, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0191, 0.3959, 0.3714 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(212, 161, 127)` looks like.

```
.text, #text, p{  
    color:rgb(212, 161, 127)  
}
```

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(212, 161, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 161, 127) }
```

Border

The CSS property to change the border of an element to Yxy 41.0191, 0.3959, 0.3714 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(212, 161, 127) }
```

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

```
.border{ border-color:rgb(212, 161, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 161, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 161, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 161, 127);  
box-shadow:4px 4px 4px 4px rgb(212, 161,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0191, 0.3959, 0.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 161, 127) }
```

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

```
.background{ background-color: rgb(212,  
161, 127) }
```

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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