

Converting Colors

$Yxy(42.0553, 0.4373, 0.4166)$

Have a look what the booklet for
Yxy(42.0553, 0.4373, 0.4166)
contains.

Yxy(41.9426, 0.4370, 0.4162)	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(41.9426, 0.4370, 0.4162)

Conversions

Conversions Part 1

Format	Color
Hex	DBA357
RGB	219, 163, 87
RGB Percent	86%, 64%, 34%
CMY	0.1410, 0.3608, 0.6588
CMYK	0.00, 0.26, 0.60, 0.14
HSL	35°, 65%, 60%
HSV	35°, 60%, 86%
XYZ	44.0387, 41.9426, 14.7938
YIQ	171.0800, 57.7720, -11.7640

Conversions

Conversions Part 2

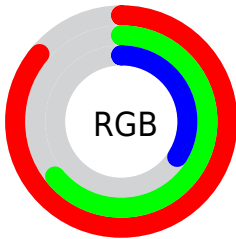
Format	Color
RYB	184, 219, 87
Decimal	14394199
CIELab	70.83, 12.63, 46.89
CIElCh	71, 48.562, 74.925
Yxy	41.9426, 0.4370, 0.4162
Android (android.graphics.Color)	4292584279 (0xFFDBA357)
YUV	171.0800, -41.4514, 42.0258
Hunter-Lab	64.7631, 8.0440, 31.7906

Details

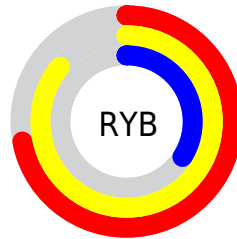
The Yxy color **41.9426, 0.4370, 0.4162** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **26.8045, 0.2138, 0.2159**, and the grayscale version is **40.9600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2669, 0.3963, 0.4092**, and **19.0795, 0.4694, 0.4323** is the 20% darker color. If you saturate the color by 10%, you get **38.4581, 0.4612, 0.4255**, and if you desaturate by 10%, it is **45.7826, 0.4126, 0.4038**.

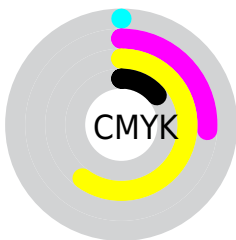
Distribution



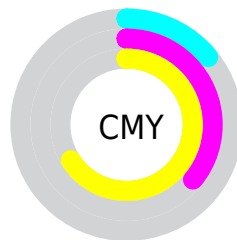
- Red (86%)
- Green (64%)
- Blue (34%)



- Red (72%)
- Yellow (86%)
- Blue (34%)



- Cyan (0%)
- Magenta (26%)
- Yellow (60%)
- Black (14%)




- Cyan (14%)
- Magenta (36%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9426, 0.4370, 0.4162 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 41.9426, 0.4370, 0.4162 by changing the saturation by 10% instead.


 41.9426, 0.4370,
0.4162

 41.9426, 0.4370,
0.4162


354.2449, 0.3756,
0.3762


 29.0563, 0.4512,
0.4243


 78.1127, 0.4154,
0.4029


 19.1235, 0.4684,
0.4332


 102.1654, 0.4070,
0.3975

 11.7595, 0.4891,
0.4426


 130.7090, 0.3998,
0.3928

 6.5801, 0.5167,
0.4531

 164.1280, 0.3937,
0.3887

 3.2009, 0.5446,
0.4554

 202.8067, 0.3883,
0.3850

 1.2375, 0.5647,
0.4353

247.1294, 0.3835,

 0.0920, 0.8113,

0.3817

0.1887

297.4807, 0.3794,
0.3788

0.0000, 0.0000,
0.0000

41.9426, 0.4370,
0.4162

41.9426, 0.4370,
0.4162

38.4581, 0.4612,
0.4255

45.7826, 0.4126,
0.4038

35.3075, 0.4839,
0.4304

49.9858, 0.3891,
0.3894

32.4756, 0.5038,
0.4301

54.5672, 0.3672,
0.3741

30.0007, 0.5201,
0.4252

59.5387, 0.3472,
0.3587

64.9118, 0.3291,
0.3437

■ 70.6971, 0.3131,
0.3294

■ 76.9050, 0.2990,
0.3160

■ 83.0702, 0.2906,
0.3108

■ 88.6061, 0.2909,
0.3204

Harmonies

Analogous

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



41.9426, 0.4522, 0.3655



41.9426, 0.4370, 0.4162



41.9426, 0.3883, 0.4523

Triad

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



41.9426, 0.4370, 0.4162



41.9426, 0.2105, 0.3310



41.9426, 0.2902, 0.2347

Complementary

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



41.9426, 0.4370, 0.4162



26.8045, 0.2138, 0.2159

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.



41.9426, 0.2323, 0.2214



41.9426, 0.4370, 0.4162



41.9426, 0.1907, 0.2679

Square

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



41.9426, 0.4370, 0.4162



41.9426, 0.2573, 0.4045



41.9426, 0.1983, 0.2313



41.9426, 0.3619, 0.2672

Rectangle

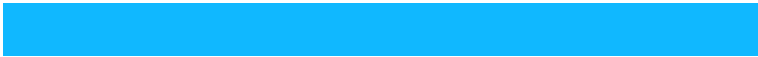
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.9426, 0.4370, 0.4162



41.9426, 0.3451, 0.4577



41.9426, 0.1983, 0.2313



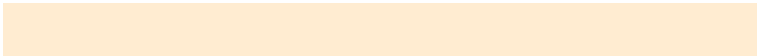
41.9426, 0.2686, 0.2279

Sweetspot

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



41.9447, 0.4370, 0.4162



85.5808, 0.3432, 0.3555



23.9041, 0.4155, 0.2636



17.8571, 0.3487, 0.3600



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.



41.9447, 0.4370, 0.4162



53.1891, 0.4667, 0.4271



65.1042, 0.3904, 0.4733



14.2896, 0.3277, 0.3424



18.0045, 0.5182, 0.4268



1.3359, 0.4977, 0.4430

Inverse Universe

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



26.8045, 0.2138, 0.2159



30.1766, 0.1962, 0.1881



14.4114, 0.2017, 0.1384



13.5213, 0.2982, 0.3152



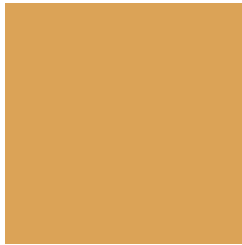
7.8780, 0.1707, 0.1344



0.6788, 0.1796, 0.1664

Previews

White Background



This preview shows how the Yxy color 41.9426, 0.4370, 0.4162 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 41.9426, 0.4370, 0.4162 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 41.9426, 0.4370, 0.4162

Background



This preview shows how black text looks on a background with the Yxy color 41.9426, 0.4370, 0.4162.



This preview shows how white text looks on a background with the Yxy color 41.9426, 0.4370, 0.4162.

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

41.9426, 0.4370, 0.4162

Protanopia

42.2339, 0.3996, 0.4354

Deuteranopia

41.8783, 0.4314, 0.4214



Tritanopia

41.8719, 0.3724, 0.3150

Trichromacy



Original Color

41.9426, 0.4370, 0.4162

Protanomaly

42.0442, 0.4129, 0.4278

Deuteranomaly

41.8217, 0.4341, 0.4195

Tritanomaly

41.6081, 0.3989, 0.3531

Monochromacy



Original Color

41.9426, 0.4370, 0.4162

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.5901, 0.3568, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9426, 0.4370, 0.4162 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(219, 163, 87)` looks like.

```
.text, #text, p{  
    color:rgb(219, 163, 87)  
}
```

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(219, 163, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 163, 87) }
```

Border

The CSS property to change the border of an element to Yxy 41.9426, 0.4370, 0.4162 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(219, 163, 87) }
```

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

```
.border{ border-color:rgb(219, 163, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 163, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 163, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 163, 87);  
box-shadow:4px 4px 4px 4px rgb(219, 163,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9426, 0.4370, 0.4162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 163, 87) }
```

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

```
.background{ background-color: rgb(219,  
163, 87) }
```

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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