

Converting Colors

$Y_{xy}(40.9076, 0.4654, 0.4664)$

Have a look what the booklet for
Yxy(40.9076, 0.4654, 0.4664)
contains.

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Color

Yxy(41.0739, 0.4652, 0.4667)

Conversions

Conversions Part 1

Format	Color
Hex	D5A508
RGB	213, 165, 8
RGB Percent	84%, 65%, 3%
CMY	0.1646, 0.3529, 0.9695
CMYK	0.00, 0.23, 0.96, 0.16
HSL	46°, 93%, 43%
HSV	46°, 96%, 84%
XYZ	40.9419, 41.0739, 5.9934
YIQ	161.4540, 79.0050, -38.6510

Conversions

Conversions Part 2

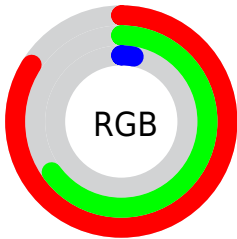
Format	Color
R _Y B	71, 213, 8
Decimal	14001416
CIE Lab	70.23, 5.94, 72.59
CIE LCh	70, 72.832, 85.321
Yxy	41.0739, 0.4652, 0.4667
Android (android.graphics.Color)	4292191496 (0xFFD5A508)
YUV	161.4540, -75.6528, 45.2058
Hunter-Lab	64.0889, 1.8754, 39.3176

Details

The Yxy color **41.0739, 0.4652, 0.4667** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **7.6645, 0.1592, 0.0903**, and the grayscale version is **36.1857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0256, 0.4284, 0.4581**, and **18.8069, 0.4720, 0.4634** is the 20% darker color. If you saturate the color by 10%, you get **40.4061, 0.4683, 0.4664**, and if you desaturate by 10%, it is **42.9811, 0.4556, 0.4658**.

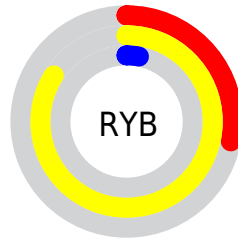
Distribution



Red (84%)

Green (65%)

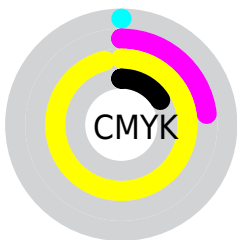
Blue (3%)



Red (28%)

Yellow (84%)

Blue (3%)

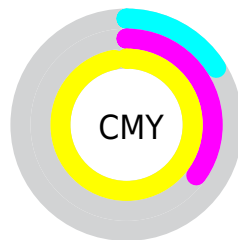


Cyan (0%)

Magenta (23%)

Yellow (96%)

Black (16%)



Cyan (16%)


Magenta (35%)


Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0739, 0.4652, 0.4667 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 41.0739, 0.4652, 0.4667 by changing the saturation by 10% instead.


 41.0739, 0.4652,
0.4667


 41.0739, 0.4652,
0.4667


350.6294, 0.3966,
0.4077


 28.3768, 0.4775,
0.4760


 76.7961, 0.4435,
0.4489

 18.6099, 0.4899,
0.4846


 100.5900, 0.4343,
0.4411


 11.3888, 0.5055,
0.4945


 128.8516, 0.4261,
0.4340

 6.3290, 0.5093,
0.4907

 161.9653, 0.4189,
0.4276

 3.0461, 0.5153,
0.4847

 200.3156, 0.4124,
0.4218

 1.1559, 0.5257,
0.4743

 244.2867, 0.4066,

 0.0252, 0.8702,

0.4166

0.1298

294.2632, 0.4013,
0.4119

■ 0.0000, 0.0000,
0.0000

■ 41.0739, 0.4652,
0.4667

■ 41.0739, 0.4652,
0.4667

■ 40.4061, 0.4683,
0.4664

■ 42.9811, 0.4556,
0.4658

■ 45.0295, 0.4430,
0.4602

■ 47.2353, 0.4279,
0.4499

■ 49.6095, 0.4107,
0.4358

■ 52.1619, 0.3926,
0.4188

■ 54.9011, 0.3741,
0.3999

■ 57.8352, 0.3559,
0.3801

■ 60.9713, 0.3386,
0.3603

■ 64.3162, 0.3223,
0.3409

Harmonies

Analogous

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



41.0739, 0.5145, 0.3942



41.0739, 0.4652, 0.4667



41.0739, 0.3809, 0.5210

Triad

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



41.0739, 0.4652, 0.4667



41.0739, 0.1532, 0.2893



41.0739, 0.3123, 0.2099

Complementary

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



41.0739, 0.4652, 0.4667



7.6645, 0.1592, 0.0903

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.



41.0739, 0.2208, 0.1825



41.0739, 0.4652, 0.4667



41.0739, 0.1427, 0.2140

Square

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



41.0739, 0.4652, 0.4667



41.0739, 0.2014, 0.4067



41.0739, 0.1648, 0.1820



41.0739, 0.4218, 0.2599

Rectangle

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



41.0739, 0.4652, 0.4667



41.0739, 0.3168, 0.5228



41.0739, 0.1648, 0.1820



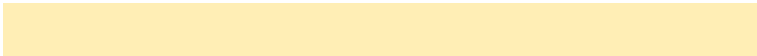
41.0739, 0.2783, 0.1979

Sweetspot

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



41.0759, 0.4652, 0.4667



85.5721, 0.3612, 0.3860



14.6342, 0.5847, 0.3021



17.9096, 0.3690, 0.3945



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.



41.0759, 0.4652, 0.4667



60.4430, 0.4689, 0.4659



55.2639, 0.3763, 0.5376



14.0044, 0.3272, 0.3468



24.8410, 0.4674, 0.4670



1.6205, 0.4574, 0.4750

Inverse Universe

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



7.6645, 0.1592, 0.0903



10.4161, 0.1564, 0.0829



5.9067, 0.1672, 0.0710



12.4756, 0.2982, 0.3106



4.4502, 0.1574, 0.0865



0.3972, 0.1666, 0.1198

Previews

White Background



This preview shows how the Yxy color 41.0739, 0.4652, 0.4667 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 41.0739, 0.4652, 0.4667 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 41.0739, 0.4652, 0.4667

Background



This preview shows how black text looks on a background with the Yxy color 41.0739, 0.4652, 0.4667.



This preview shows how white text looks on a background with the Yxy color 41.0739, 0.4652, 0.4667.

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

41.0739, 0.4652, 0.4667

Protanopia

41.0034, 0.4392, 0.4857

Deuteranopia

40.9752, 0.4703, 0.4612



Tritanopia

40.8712, 0.3697, 0.3148

Trichromacy



Original Color

41.0739, 0.4652, 0.4667

Protanomaly

40.8176, 0.4493, 0.4784

Deuteranomaly

41.1740, 0.4686, 0.4632

Tritanomaly

40.1021, 0.4224, 0.3878

Monochromacy



Original Color

41.0739, 0.4652, 0.4667

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.5639, 0.3833, 0.4087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0739, 0.4652, 0.4667 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(213, 165, 8)` looks like.

```
.text, #text, p{  
    color:rgb(213, 165, 8)  
}
```

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(213, 165, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 165, 8) }
```

Border

The CSS property to change the border of an element to Yxy 41.0739, 0.4652, 0.4667 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(213, 165, 8) }
```

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

```
.border{ border-color:rgb(213, 165, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 165, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 165, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 165, 8);  
box-shadow:4px 4px 4px 4px rgb(213, 165,  
8) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0739, 0.4652, 0.4667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 165, 8) }
```

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

```
.background{ background-color: rgb(213,  
165, 8) }
```

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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