

Converting Colors

Yxy(44.9465, 0.4609, 0.4513)

Have a look what the booklet for
Yxy(44.9465, 0.4609, 0.4513)
contains.

Yxy(44.9465, 0.4609, 0.4513)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.9465, 0.4609, 0.4513)

Conversions

Conversions Part 1

Format	Color
Hex	E1AA2D
RGB	225, 170, 45
RGB Percent	88%, 67%, 18%
CMY	0.1176, 0.3333, 0.8233
CMYK	0.00, 0.24, 0.80, 0.12
HSL	42°, 75%, 53%
HSV	42°, 80%, 88%
XYZ	45.9026, 44.9465, 8.7443
YIQ	172.1950, 72.9050, -27.2150

Conversions

Conversions Part 2

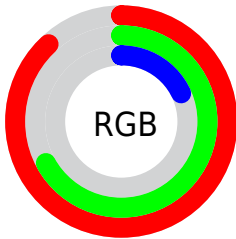
Format	Color
R _Y B	124, 225, 45
Decimal	14789165
CIE Lab	72.86, 9.28, 66.91
CIE LCh	73, 67.554, 82.101
Yxy	44.9465, 0.4609, 0.4513
Android (android.graphics.Color)	4292979245 (0xFFE1AA2D)
YUV	172.1950, -62.7071, 46.3100
Hunter-Lab	67.0422, 4.8921, 39.1963

Details

The Yxy color **44.9465, 0.4609, 0.4513** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **15.1228, 0.1790, 0.1407**, and the grayscale version is **41.6598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0500, 0.4152, 0.4478**, and **20.9562, 0.4799, 0.4572** is the 20% darker color. If you saturate the color by 10%, you get **42.3072, 0.4753, 0.4537**, and if you desaturate by 10%, it is **47.8175, 0.4436, 0.4439**.

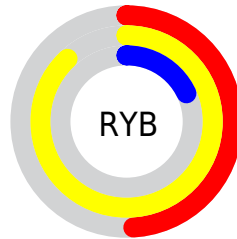
Distribution



Red (88%)

Green (67%)

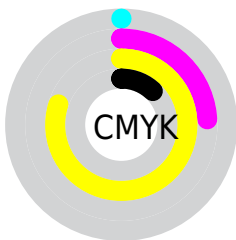
Blue (18%)



Red (49%)

Yellow (88%)

Blue (18%)

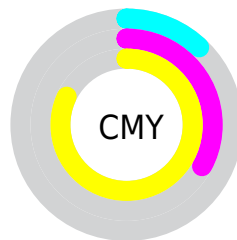


Cyan (0%)

Magenta (24%)

Yellow (80%)

Black (12%)



Cyan (12%)

Magenta (33%)

Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9465, 0.4609, 0.4513 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 44.9465, 0.4609, 0.4513 by changing the saturation by 10% instead.


 44.9465, 0.4609,
0.4513


 44.9465, 0.4609,
0.4513


366.5568, 0.3928,
0.3987


 31.4153, 0.4742,
0.4602


 82.6401, 0.4386,
0.4351

 20.9153, 0.4887,
0.4688


 107.5713, 0.4295,
0.4281

 13.0621, 0.5051,
0.4771


 137.0713, 0.4214,
0.4219

 7.4713, 0.5196,
0.4804

 171.5245, 0.4143,
0.4162

 3.7586, 0.5277,
0.4723

 211.3152, 0.4080,
0.4111

 1.5394, 0.5412,
0.4588

 256.8279, 0.4024,

 0.3162, 0.6251,

0.4066

0.3749

308.4470, 0.3974,
0.4025

0.0000, 0.0000,
0.0000

44.9465, 0.4609,
0.4513

44.9465, 0.4609,
0.4513

42.3072, 0.4753,
0.4537

47.8175, 0.4436,
0.4439

39.8683, 0.4869,
0.4516

50.9283, 0.4244,
0.4323

39.8623, 0.4869,
0.4516

54.2940, 0.4041,
0.4175

57.9260, 0.3838,
0.4005

61.8345, 0.3641,
0.3824

■ 66.0293, 0.3455,
0.3641

■ 70.5193, 0.3283,
0.3461

■ 75.3129, 0.3127,
0.3290

■ 80.4182, 0.2985,
0.3128

Harmonies

Analogous

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



44.9465, 0.4985, 0.3852



44.9465, 0.4609, 0.4513



44.9465, 0.3870, 0.5003

Triad

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



44.9465, 0.4609, 0.4513



44.9465, 0.1696, 0.3047



44.9465, 0.3028, 0.2155

Complementary

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



44.9465, 0.4609, 0.4513



15.1228, 0.1790, 0.1407

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.



44.9465, 0.2218, 0.1925



44.9465, 0.4609, 0.4513



44.9465, 0.1552, 0.2304

Square

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



44.9465, 0.4609, 0.4513



44.9465, 0.2192, 0.4104



44.9465, 0.1727, 0.1956



44.9465, 0.4013, 0.2604

Rectangle

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



44.9465, 0.4609, 0.4513



44.9465, 0.3285, 0.5042



44.9465, 0.1727, 0.1956



44.9465, 0.2727, 0.2052

Sweetspot

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



44.9487, 0.4609, 0.4513



85.3055, 0.3532, 0.3718



18.8503, 0.5084, 0.2786



17.8340, 0.3599, 0.3784



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.



44.9487, 0.4609, 0.4513



53.9935, 0.4832, 0.4525



65.2534, 0.3873, 0.5142



15.2854, 0.3275, 0.3452



23.1841, 0.4856, 0.4526



1.7629, 0.4729, 0.4627

Inverse Universe

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



15.1228, 0.1790, 0.1407



13.7876, 0.1631, 0.1050



8.9397, 0.1792, 0.0906



13.9232, 0.2981, 0.3123



5.7509, 0.1616, 0.1017



0.5534, 0.1701, 0.1324

Previews

White Background



This preview shows how the Yxy color 44.9465, 0.4609, 0.4513 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 44.9465, 0.4609, 0.4513 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 44.9465, 0.4609, 0.4513

Background



This preview shows how black text looks on a background with the Yxy color 44.9465, 0.4609, 0.4513.



This preview shows how white text looks on a background with the Yxy color 44.9465, 0.4609, 0.4513.

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

44.9465, 0.4609, 0.4513

Protanopia

44.8629, 0.4296, 0.4733

Deuteranopia

44.9465, 0.4609, 0.4513



Tritanopia

45.0602, 0.3736, 0.3155

Trichromacy



Original Color

44.9465, 0.4609, 0.4513

Protanomaly

44.9496, 0.4411, 0.4655

Deuteranomaly

44.9465, 0.4609, 0.4513

Tritanomaly

44.4980, 0.4143, 0.3729

Monochromacy



Original Color

44.9465, 0.4609, 0.4513

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.7085, 0.3714, 0.3890

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9465, 0.4609, 0.4513 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(225, 170, 45)` looks like.

```
.text, #text, p{  
    color:rgb(225, 170, 45)  
}
```

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(225, 170, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 170, 45) }
```

Border

The CSS property to change the border of an element to Yxy 44.9465, 0.4609, 0.4513 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(225, 170, 45) }
```

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

```
.border{ border-color:rgb(225, 170, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 170, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 170, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 170, 45);  
box-shadow:4px 4px 4px 4px rgb(225, 170,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9465, 0.4609, 0.4513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 170, 45) }
```

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

```
.background{ background-color: rgb(225,  
170, 45) }
```

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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