

Converting Colors

$Yxy(44.4107, 0.4795, 0.4369)$

Have a look what the booklet for
Yxy(44.4107, 0.4795, 0.4369)
contains.

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Color

Yxy(44.5610, 0.4792, 0.4373)

Conversions

Conversions Part 1

Format	Color
Hex	EEA32D
RGB	238, 163, 45
RGB Percent	93%, 64%, 18%
CMY	0.0667, 0.3608, 0.8236
CMYK	0.00, 0.32, 0.81, 0.07
HSL	37°, 85%, 55%
HSV	37°, 81%, 93%
XYZ	48.8306, 44.5610, 8.5087
YIQ	171.9730, 82.5780, -20.7980

Conversions

Conversions Part 2

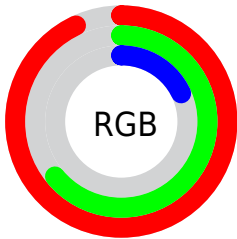
Format	Color
R _{YB}	168, 238, 45
Decimal	15639341
CIE Lab	72.60, 18.55, 67.26
CIE LCh	73, 69.767, 74.580
Yxy	44.5610, 0.4792, 0.4373
Android (android.graphics.Color)	4293829421 (0xFFEEA32D)
YUV	171.9730, -62.5977, 57.9057
Hunter-Lab	66.7540, 13.7533, 39.1705

Details

The Yxy color **44.5610, 0.4792, 0.4373** 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 **20.1596, 0.1830, 0.1588**, and the grayscale version is **41.5331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3424, 0.4195, 0.4420**, and **20.7160, 0.5038, 0.4382** is the 20% darker color. If you saturate the color by 10%, you get **41.2638, 0.4970, 0.4372**, and if you desaturate by 10%, it is **48.2060, 0.4584, 0.4322**.

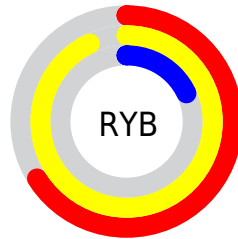
Distribution



Red (93%)

Green (64%)

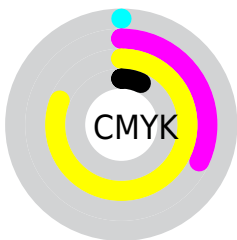
Blue (18%)



Red (66%)

Yellow (93%)

Blue (18%)

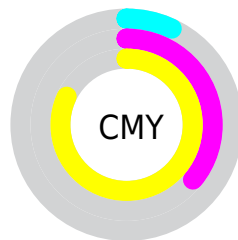


Cyan (0%)

Magenta (32%)

Yellow (81%)

Black (7%)



Cyan (7%)


Magenta (36%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5610, 0.4792, 0.4373 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 44.5610, 0.4792, 0.4373 by changing the saturation by 10% instead.


 44.5610, 0.4792,
0.4373


 44.5610, 0.4792,
0.4373


364.9927, 0.4018,
0.3936

 31.1118, 0.4947,
0.4436


 82.0613, 0.4536,
0.4247


 20.6840, 0.5120,
0.4488


 106.8811, 0.4432,
0.4190


 12.8932, 0.5321,
0.4526


 136.2599, 0.4340,
0.4137

 7.3550, 0.5508,
0.4492

 170.5821, 0.4260,
0.4089

 3.6851, 0.5662,
0.4338

 210.2321, 0.4188,
0.4045

 1.4990, 0.5914,
0.4086

 255.5942, 0.4125,

 0.2880, 0.7161,

0.4005

0.2839

307.0530, 0.4069,
0.3969

0.0000, 0.0000,
0.0000

44.5610, 0.4792,
0.4373

44.5610, 0.4792,
0.4373

41.2638, 0.4970,
0.4372

48.2060, 0.4584,
0.4322


38.5890, 0.5102,
0.4331

52.2122, 0.4358,
0.4226

56.5993, 0.4126,
0.4096

61.3829, 0.3899,
0.3945

66.5776, 0.3684,
0.3784

 72.1967, 0.3485,
0.3620

 78.2528, 0.3305,
0.3460

 84.7579, 0.3144,
0.3306

 91.4504, 0.3024,
0.3203

Harmonies

Analogous

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



44.5610, 0.5056, 0.3685



44.5610, 0.4792, 0.4373



44.5610, 0.4097, 0.4964

Triad

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



44.5610, 0.4792, 0.4373



44.5610, 0.1744, 0.3290



44.5610, 0.2786, 0.2041

Complementary

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



44.5610, 0.4792, 0.4373



20.1596, 0.1830, 0.1588

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.



44.5610, 0.2032, 0.1868



44.5610, 0.4792, 0.4373



44.5610, 0.1514, 0.2419

Square

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



44.5610, 0.4792, 0.4373



44.5610, 0.2342, 0.4405



44.5610, 0.1614, 0.1972



44.5610, 0.3788, 0.2450

Rectangle

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



44.5610, 0.4792, 0.4373



44.5610, 0.3512, 0.5131



44.5610, 0.1614, 0.1972



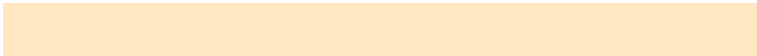
44.5610, 0.2498, 0.1955

Sweetspot

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



44.5633, 0.4792, 0.4373



82.4217, 0.3543, 0.3669



21.4631, 0.4861, 0.2627



17.1378, 0.3614, 0.3728



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.



44.5633, 0.4792, 0.4373



46.0364, 0.5064, 0.4344



76.3516, 0.3996, 0.5071



17.3678, 0.3278, 0.3434



21.7875, 0.5084, 0.4345



2.0051, 0.4935, 0.4463

Inverse Universe

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



20.1596, 0.1830, 0.1588



17.1211, 0.1685, 0.1251



9.1488, 0.1692, 0.0837



16.2359, 0.2980, 0.3142



7.9934, 0.1675, 0.1230



0.8526, 0.1748, 0.1491

Previews

White Background



This preview shows how the Yxy color 44.5610, 0.4792, 0.4373 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 44.5610, 0.4792, 0.4373 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 44.5610, 0.4792, 0.4373

Background



This preview shows how black text looks on a background with the Yxy color 44.5610, 0.4792, 0.4373.



This preview shows how white text looks on a background with the Yxy color 44.5610, 0.4792, 0.4373.

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

44.5610, 0.4792, 0.4373

Protanopia

44.7413, 0.4279, 0.4727

Deuteranopia

44.5507, 0.4631, 0.4519



Tritanopia

44.5133, 0.3955, 0.3172

Trichromacy



Original Color

44.5610, 0.4792, 0.4373

Protanomaly

44.3967, 0.4469, 0.4591

Deuteranomaly

44.6348, 0.4691, 0.4466

Tritanomaly

44.0102, 0.4345, 0.3685

Monochromacy



Original Color

44.5610, 0.4792, 0.4373

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.6181, 0.3772, 0.3855

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5610, 0.4792, 0.4373 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(238, 163, 45)` looks like.

```
.text, #text, p{  
    color:rgb(238, 163, 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(238, 163, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 163, 45) }
```

Border

The CSS property to change the border of an element to Yxy 44.5610, 0.4792, 0.4373 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(238, 163, 45) }
```

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

```
.border{ border-color:rgb(238, 163, 45) }
```

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

Here you see how a box with a 4 pixel rgb(238, 163, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 163, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 163, 45);  
box-shadow:4px 4px 4px 4px rgb(238, 163,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5610, 0.4792, 0.4373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 163, 45) }
```

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

```
.background{ background-color: rgb(238,  
163, 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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