

Converting Colors

$Yxy(44.4477, 0.4621, 0.4307)$

Have a look what the booklet for
Yxy(44.4477, 0.4621, 0.4307)
contains.

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Color

Yxy(44.4477, 0.4621, 0.4307)

Conversions

Conversions Part 1

Format	Color
Hex	E8A541
RGB	232, 165, 65
RGB Percent	91%, 65%, 25%
CMY	0.0902, 0.3529, 0.7452
CMYK	0.00, 0.29, 0.72, 0.09
HSL	36°, 78%, 58%
HSV	36°, 72%, 91%
XYZ	47.6881, 44.4477, 11.0629
YIQ	173.6330, 72.0320, -16.8960

Conversions

Conversions Part 2

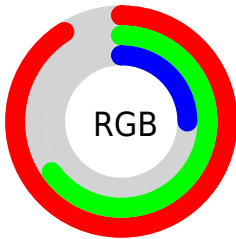
Format	Color
RYB	177, 232, 65
Decimal	15246657
CIELab	72.53, 15.73, 59.31
CIELCh	73, 61.357, 75.148
Yxy	44.4477, 0.4621, 0.4307
Android (android.graphics.Color)	4293436737 (0xFFE8A541)
YUV	173.6330, -53.5561, 51.1879
Hunter-Lab	66.6691, 11.0094, 36.8299

Details

The Yxy color **44.4477, 0.4621, 0.4307** 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 **23.4448, 0.1953, 0.1832**, and the grayscale version is **42.3817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7544, 0.4087, 0.4300**, and **20.5809, 0.4954, 0.4449** is the 20% darker color. If you saturate the color by 10%, you get **40.9980, 0.4833, 0.4352**, and if you desaturate by 10%, it is **48.2564, 0.4391, 0.4217**.

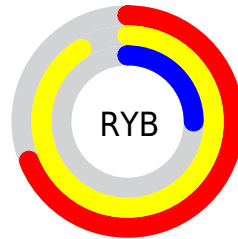
Distribution



Red (91%)

Green (65%)

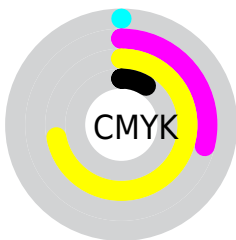
Blue (25%)



Red (69%)

Yellow (91%)

Blue (25%)

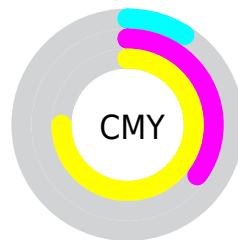


Cyan (0%)

Magenta (29%)

Yellow (72%)

Black (9%)



Cyan (9%)


Magenta (35%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4477, 0.4621, 0.4307 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 44.4477, 0.4621, 0.4307 by changing the saturation by 10% instead.


 44.4477, 0.4621,
0.4307


 44.4477, 0.4621,
0.4307


364.5321, 0.3910,
0.3872


 31.0226, 0.4772,
0.4381


 81.8910, 0.4380,
0.4173


 20.6161, 0.4947,
0.4454


 106.6780, 0.4283,
0.4115


 12.8437, 0.5143,
0.4513

 136.0211, 0.4200,
0.4063

 7.3210, 0.5416,
0.4584

 170.3048, 0.4127,
0.4016

 3.6636, 0.5549,
0.4451

 209.9133, 0.4063,
0.3974

 1.4872, 0.5770,
0.4230

255.2311, 0.4006,

 0.2797, 0.6991,

0.3936

0.3009

306.6425, 0.3955,
0.3902

■ 0.0000, 0.0000,
0.0000

■ 44.4477, 0.4621,
0.4307

■ 44.4477, 0.4621,
0.4307

■ 40.9980, 0.4833,
0.4352

■ 48.2564, 0.4391,
0.4217

■ 37.8811, 0.5014,
0.4343


■ 52.4346, 0.4154,
0.4092

■ 35.6047, 0.5137,
0.4303


■ 56.9999, 0.3923,
0.3946


■ 61.9662, 0.3705,
0.3788

■ 67.3468, 0.3503,
0.3627

 73.1539, 0.3321,
0.3470

 79.3992, 0.3157,
0.3319

 86.0939, 0.3013,
0.3177

 91.9793, 0.2987,
0.3228

Harmonies

Analogous

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



44.4477, 0.4841, 0.3690



44.4477, 0.4621, 0.4307



44.4477, 0.4007, 0.4796

Triad

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



44.4477, 0.4621, 0.4307



44.4477, 0.1884, 0.3287



44.4477, 0.2846, 0.2166

Complementary

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



44.4477, 0.4621, 0.4307



23.4448, 0.1953, 0.1832

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.



44.4477, 0.2156, 0.2005



44.4477, 0.4621, 0.4307



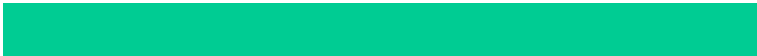
44.4477, 0.1667, 0.2517

Square

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



44.4477, 0.4621, 0.4307



44.4477, 0.2428, 0.4240



44.4477, 0.1763, 0.2104



44.4477, 0.3733, 0.2546

Rectangle

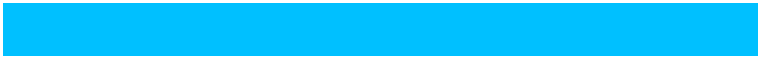
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.4477, 0.4621, 0.4307



44.4477, 0.3482, 0.4903



44.4477, 0.1763, 0.2104



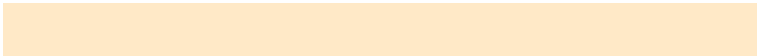
44.4477, 0.2586, 0.2086

Sweetspot

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



44.4499, 0.4621, 0.4307



83.3725, 0.3506, 0.3629



22.6714, 0.4529, 0.2599



17.4454, 0.3559, 0.3673



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.



44.4499, 0.4621, 0.4307



49.0358, 0.4918, 0.4355



73.0144, 0.3976, 0.4941



15.7964, 0.3277, 0.3431



20.0189, 0.5118, 0.4319



1.6601, 0.4946, 0.4455

Inverse Universe

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



23.4448, 0.1953, 0.1832



21.9212, 0.1784, 0.1508



11.2621, 0.1814, 0.1039



14.8313, 0.2981, 0.3145



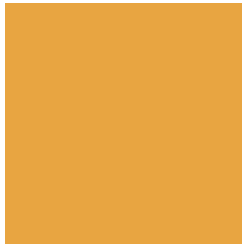
7.8176, 0.1686, 0.1270



0.7556, 0.1767, 0.1560

Previews

White Background



This preview shows how the Yxy color 44.4477, 0.4621, 0.4307 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 44.4477, 0.4621, 0.4307 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 44.4477, 0.4621, 0.4307

Background



This preview shows how black text looks on a background with the Yxy color 44.4477, 0.4621, 0.4307.



This preview shows how white text looks on a background with the Yxy color 44.4477, 0.4621, 0.4307.

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

44.4477, 0.4621, 0.4307

Protanopia

44.8120, 0.4171, 0.4587

Deuteranopia

44.4341, 0.4509, 0.4399



Tritanopia

44.5466, 0.3856, 0.3169

Trichromacy



Original Color

44.4477, 0.4621, 0.4307

Protanomaly

44.5383, 0.4331, 0.4482

Deuteranomaly

44.5442, 0.4545, 0.4374

Tritanomaly

44.2141, 0.4184, 0.3631

Monochromacy



Original Color

44.4477, 0.4621, 0.4307

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4492, 0.3681, 0.3777

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4477, 0.4621, 0.4307 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(232, 165, 65)` looks like.

```
.text, #text, p{  
    color:rgb(232, 165, 65)  
}
```

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(232, 165, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 165, 65) }
```

Border

The CSS property to change the border of an element to Yxy 44.4477, 0.4621, 0.4307 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(232, 165, 65) }
```

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

```
.border{ border-color:rgb(232, 165, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 165, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 165, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 165, 65);  
box-shadow:4px 4px 4px 4px rgb(232, 165,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4477, 0.4621, 0.4307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 165, 65) }
```

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

```
.background{ background-color: rgb(232,  
165, 65) }
```

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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