

Converting Colors

$Y_{xy}(29.2921, 0.4858, 0.3952)$

Have a look what the booklet for
Yxy(29.2921, 0.4858, 0.3952)
contains.

Yxy(29.3450, 0.4859, 0.3959)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.3450, 0.4859, 0.3959)

Conversions

Conversions Part 1

Format	Color
Hex	D67D41
RGB	214, 125, 65
RGB Percent	84%, 49%, 25%
CMY	0.1608, 0.5097, 0.7452
CMYK	0.00, 0.42, 0.70, 0.16
HSL	24°, 64%, 55%
HSV	24°, 70%, 84%
XYZ	36.0160, 29.3450, 8.7613
YIQ	144.7710, 72.3040, 0.2080

Conversions

Conversions Part 2

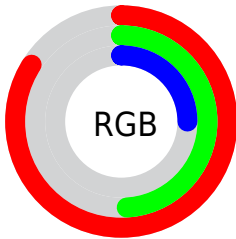
Format	Color
R_{YB}	214, 165, 65
Decimal	14056769
CIE _{Lab}	61.08, 29.55, 46.56
CIE _{LCh}	61, 55.149, 57.595
Yxy	29.3450, 0.4859, 0.3959
Android (android.graphics.Color)	4292246849 (0xFFD67D41)
YUV	144.7710, -39.3271, 60.7138
Hunter-Lab	54.1710, 23.8777, 28.3306

Details

The Yxy color **29.3450, 0.4859, 0.3959** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **29.0678, 0.2106, 0.2367**, and the grayscale version is **28.3581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3386, 0.4362, 0.3934**, and **11.9367, 0.5348, 0.4008** is the 20% darker color. If you saturate the color by 10%, you get **26.1140, 0.5174, 0.3975**, and if you desaturate by 10%, it is **33.0890, 0.4537, 0.3902**.

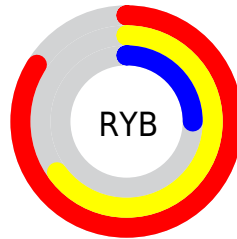
Distribution



Red (84%)

Green (49%)

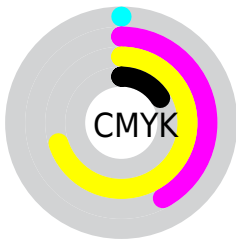
Blue (25%)



Red (84%)

Yellow (65%)

Blue (25%)

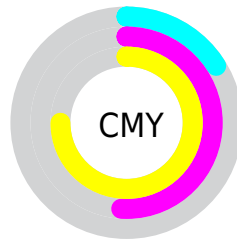


Cyan (0%)

Magenta (42%)

Yellow (70%)

Black (16%)



Cyan (16%)

Magenta (51%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.3450, 0.4859, 0.3959 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 29.3450, 0.4859, 0.3959 by changing the saturation by 10% instead.


 29.3450, 0.4859,
0.3959


 29.3450, 0.4859,
0.3959


298.8393, 0.3951,
0.3685


 19.3420, 0.5081,
0.3992


 58.6248, 0.4528,
0.3882


 11.9176, 0.5354,
0.4008


 78.6703, 0.4403,
0.3846

 6.6876, 0.5710,
0.3996


 102.8321, 0.4298,
0.3812

 3.2675, 0.6126,
0.3874

 131.4946, 0.4208,
0.3781

 1.2729, 0.6516,
0.3484

 165.0422, 0.4130,
0.3754

 0.1201, 0.8743,
0.1257

203.8592, 0.4063,

 0.0000, 0.0000,

0.3728

0.0000

248.3301, 0.4004,
0.3705

■ 29.3450, 0.4859,
0.3959

■ 29.3450, 0.4859,
0.3959

■ 26.1140, 0.5174,
0.3975

■ 33.0890, 0.4537,
0.3902

■ 23.3645, 0.5459,
0.3939

■ 37.3660, 0.4229,
0.3815

■ 21.0618, 0.5696,
0.3856

■ 42.1999, 0.3947,
0.3713

■ 20.9864, 0.5704,
0.3853

■ 47.6117, 0.3695,
0.3603

■ 53.6212, 0.3475,
0.3493

■ 60.2473, 0.3285,
0.3387

■ 67.5077, 0.3122,
0.3287

■ 75.4196, 0.2982,
0.3194

■ 83.8338, 0.2876,
0.3134

Harmonies

Analogous

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



29.3450, 0.4769, 0.3324



29.3450, 0.4859, 0.3959



29.3450, 0.4434, 0.4568

Triad

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



29.3450, 0.4859, 0.3959



29.3450, 0.2135, 0.3869



29.3450, 0.2387, 0.2011

Complementary

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



29.3450, 0.4859, 0.3959



29.0678, 0.2106, 0.2367

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.



29.3450, 0.1857, 0.1995



29.3450, 0.4859, 0.3959



29.3450, 0.1717, 0.2911

Square

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



29.3450, 0.4859, 0.3959



29.3450, 0.2855, 0.4725



29.3450, 0.1634, 0.2273



29.3450, 0.3203, 0.2274

Rectangle

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



29.3450, 0.4859, 0.3959



29.3450, 0.3963, 0.4866



29.3450, 0.1634, 0.2273



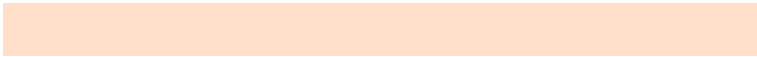
29.3450, 0.2176, 0.1976

Sweetspot

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



29.3465, 0.4859, 0.3959



78.2888, 0.3507, 0.3510



20.4166, 0.4000, 0.2302



16.2125, 0.3567, 0.3541



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.



29.3465, 0.4859, 0.3959



36.6268, 0.5328, 0.3963



55.5620, 0.4170, 0.4716



13.2340, 0.3281, 0.3384



12.8783, 0.5678, 0.3873



0.9368, 0.5364, 0.4123

Inverse Universe

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



29.0678, 0.2106, 0.2367



35.9468, 0.1960, 0.2129



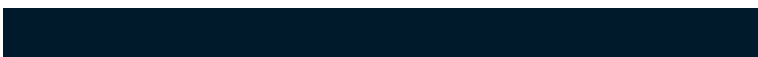
11.6949, 0.1830, 0.1246



13.2293, 0.2982, 0.3194



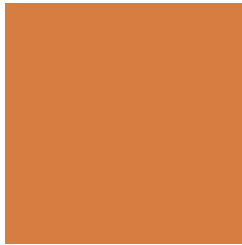
12.4382, 0.1867, 0.1921



0.9106, 0.1940, 0.2182

Previews

White Background



This preview shows how the Yxy color 29.3450, 0.4859, 0.3959 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3450, 0.4859, 0.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

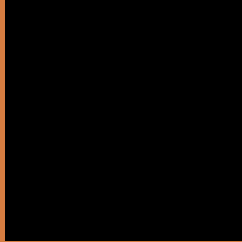
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.3450, 0.4859, 0.3959

Background



This preview shows how black text looks on a background with the Yxy color 29.3450, 0.4859, 0.3959.



This preview shows how white text looks on a background with the Yxy color 29.3450, 0.4859, 0.3959.

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

29.3450, 0.4859, 0.3959

Protanopia

29.5402, 0.4039, 0.4408

Deuteranopia

29.5770, 0.4415, 0.4334



Tritanopia

29.3946, 0.4249, 0.3185

Trichromacy



Original Color

29.3450, 0.4859, 0.3959

Protanomaly

29.1309, 0.4338, 0.4249

Deuteranomaly

29.2778, 0.4588, 0.4192

Tritanomaly

29.4259, 0.4510, 0.3497

Monochromacy



Original Color

29.3450, 0.4859, 0.3959

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9840, 0.3733, 0.3624

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3450, 0.4859, 0.3959 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(214, 125, 65)` looks like.

```
.text, #text, p{  
    color:rgb(214, 125, 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(214, 125, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 125, 65) }
```

Border

The CSS property to change the border of an element to Yxy 29.3450, 0.4859, 0.3959 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(214, 125, 65) }
```

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

```
.border{ border-color:rgb(214, 125, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 125, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 125, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 125, 65);  
box-shadow:4px 4px 4px 4px rgb(214, 125,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3450, 0.4859, 0.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 125, 65) }
```

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

```
.background{ background-color: rgb(214,  
125, 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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