

Converting Colors

$Y_{xy}(29.0639, 0.4564, 0.3924)$

Have a look what the booklet for
Yxy(29.0639, 0.4564, 0.3924)
contains.

Yxy(29.0863, 0.4557, 0.3927)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.0863, 0.4557, 0.3927)

Conversions

Conversions Part 1

Format	Color
Hex	CA824F
RGB	202, 130, 79
RGB Percent	79%, 51%, 31%
CMY	0.2078, 0.4902, 0.6903
CMYK	0.00, 0.36, 0.61, 0.21
HSL	25°, 54%, 55%
HSV	25°, 61%, 79%
XYZ	33.7526, 29.0863, 11.2286
YIQ	145.7140, 59.2830, -0.5970

Conversions

Conversions Part 2

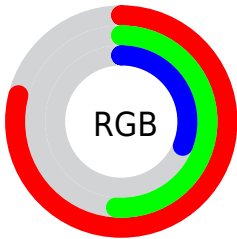
Format	Color
R_{YB}	202, 166, 79
Decimal	13271631
CIE Lab	60.86, 22.79, 38.72
CIE LCh	61, 44.933, 59.523
Yxy	29.0863, 0.4557, 0.3927
Android (android.graphics.Color)	4291461711 (0xFFCA824F)
YUV	145.7140, -32.8900, 49.3628
Hunter-Lab	53.9317, 17.3317, 25.4080

Details

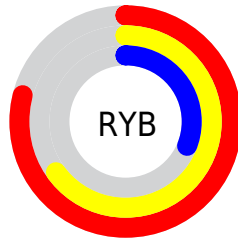
The Yxy color **29.0863, 0.4557, 0.3927** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **28.0564, 0.2208, 0.2483**, and the grayscale version is **28.7405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7120, 0.4219, 0.3850**, and **11.7709, 0.4999, 0.4022** is the 20% darker color. If you saturate the color by 10%, you get **25.8701, 0.4872, 0.3983**, and if you desaturate by 10%, it is **32.7562, 0.4253, 0.3841**.

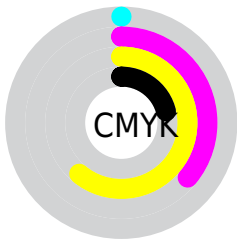
Distribution



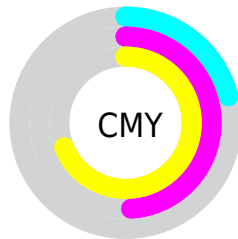
- Red (79%)
- Green (51%)
- Blue (31%)



- Red (79%)
- Yellow (65%)
- Blue (31%)



- Cyan (0%)
- Magenta (36%)
- Yellow (61%)
- Black (21%)





- Cyan (21%)
- Magenta (49%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0863, 0.4557, 0.3927 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 29.0863, 0.4557, 0.3927 by changing the saturation by 10% instead.


 29.0863, 0.4557,
0.3927


 29.0863, 0.4557,
0.3927


297.6219, 0.3796,
0.3637

 19.1461, 0.4752,
0.3979


 58.2142, 0.4274,
0.3834


 11.7759, 0.5000,
0.4029

 78.1706, 0.4169,
0.3795


 6.5913, 0.5317,
0.4059


 102.2347, 0.4081,
0.3760

 3.2078, 0.5869,
0.4131

 130.7907, 0.4007,
0.3730

 1.2412, 0.6197,
0.3803

 164.2230, 0.3943,
0.3703

 0.0950, 0.8719,
0.1281

202.9160, 0.3887,

 0.0000, 0.0000,

0.3678

0.0000

247.2542, 0.3839,
0.3657

■ 29.0863, 0.4557,
0.3927

■ 29.0863, 0.4557,
0.3927

■ 25.8701, 0.4872,
0.3983

■ 32.7562, 0.4253,
0.3841

■ 23.0828, 0.5179,
0.3997

■ 36.8945, 0.3971,
0.3737

■ 20.7029, 0.5453,
0.3958

■ 41.5202, 0.3719,
0.3625

■ 18.8634, 0.5665,
0.3884

■ 46.6499, 0.3498,
0.3512

■ 52.2994, 0.3306,
0.3403

■ 58.4838, 0.3141,
0.3299

■ 65.2174, 0.2999,
0.3203

■ 72.5139, 0.2877,
0.3114

■ 80.0079, 0.2803,
0.3092

Harmonies

Analogous

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



29.0863, 0.4491, 0.3381



29.0863, 0.4557, 0.3927



29.0863, 0.4205, 0.4409

Triad

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



29.0863, 0.4557, 0.3927



29.0863, 0.2279, 0.3713



29.0863, 0.2554, 0.2213

Complementary

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



29.0863, 0.4557, 0.3927



28.0564, 0.2208, 0.2483

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.



29.0863, 0.2077, 0.2192



29.0863, 0.4557, 0.3927



29.0863, 0.1928, 0.2956

Square

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



29.0863, 0.4557, 0.3927



29.0863, 0.2880, 0.4400



29.0863, 0.1864, 0.2429



29.0863, 0.3248, 0.2453

Rectangle

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



29.0863, 0.4557, 0.3927



29.0863, 0.3811, 0.4608



29.0863, 0.1864, 0.2429



29.0863, 0.2367, 0.2180

Sweetspot

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



29.0878, 0.4557, 0.3927



81.4293, 0.3444, 0.3482



20.4406, 0.3842, 0.2388



16.8468, 0.3504, 0.3515



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.



29.0878, 0.4557, 0.3927



42.2597, 0.4969, 0.3993



49.8224, 0.4062, 0.4587



11.9652, 0.3280, 0.3387



12.3038, 0.5641, 0.3903



0.7833, 0.5292, 0.4180

Inverse Universe

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



28.0564, 0.2208, 0.2483



40.2427, 0.2054, 0.2273



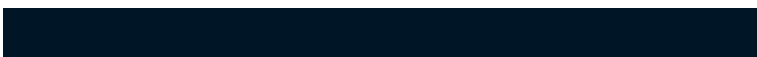
13.4572, 0.1991, 0.1518



11.9167, 0.2983, 0.3192



11.2960, 0.1857, 0.1883



0.7303, 0.1941, 0.2186

Previews

White Background



This preview shows how the Yxy color 29.0863, 0.4557, 0.3927 looks on a white background.

Color Contrast Check

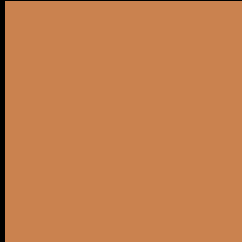
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0863, 0.4557, 0.3927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

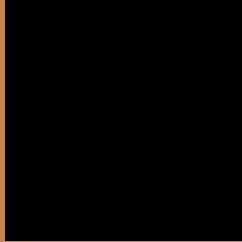
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0863, 0.4557, 0.3927

Background



This preview shows how black text looks on a background with the Yxy color 29.0863, 0.4557, 0.3927.



This preview shows how white text looks on a background with the Yxy color 29.0863, 0.4557, 0.3927.

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

29.0863, 0.4557, 0.3927

Protanopia

29.1004, 0.3898, 0.4238

Deuteranopia

29.1157, 0.4256, 0.4162



Tritanopia

29.2306, 0.4010, 0.3177

Trichromacy



Original Color

29.0863, 0.4557, 0.3927

Protanomaly

28.9044, 0.4134, 0.4122

Deuteranomaly

28.9772, 0.4371, 0.4064

Tritanomaly

29.0931, 0.4237, 0.3460

Monochromacy



Original Color

29.0863, 0.4557, 0.3927

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2683, 0.3611, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0863, 0.4557, 0.3927 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(202, 130, 79)` looks like.

```
.text, #text, p{  
    color:rgb(202, 130, 79)  
}
```

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(202, 130, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 130, 79) }
```

Border

The CSS property to change the border of an element to Yxy 29.0863, 0.4557, 0.3927 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(202, 130, 79) }
```

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

```
.border{ border-color:rgb(202, 130, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 130, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 130, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 130, 79);  
box-shadow:4px 4px 4px 4px rgb(202, 130,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0863, 0.4557, 0.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 130, 79) }
```

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

```
.background{ background-color: rgb(202,  
130, 79) }
```

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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