

Converting Colors

$Y_{xy}(29.6366, 0.4128, 0.3602)$

Have a look what the booklet for
Yxy(29.6366, 0.4128, 0.3602)
contains.

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Color

Yxy(29.6366, 0.4128, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	C4856E
RGB	196, 133, 110
RGB Percent	77%, 52%, 43%
CMY	0.2314, 0.4784, 0.5687
CMYK	0.00, 0.32, 0.44, 0.23
HSL	16°, 42%, 60%
HSV	16°, 44%, 77%
XYZ	33.9644, 29.6366, 18.6771
YIQ	149.2150, 44.9310, 6.2030

Conversions

Conversions Part 2

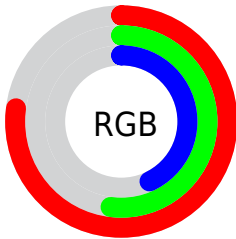
Format	Color
RYB	196, 141, 110
Decimal	12879214
CIELab	61.34, 21.45, 22.22
CIELCh	61, 30.885, 46.004
Yxy	29.6366, 0.4128, 0.3602
Android (android.graphics.Color)	4291069294 (0xFFC4856E)
YUV	149.2150, -19.3330, 41.0304
Hunter-Lab	54.4395, 16.0958, 17.7664

Details

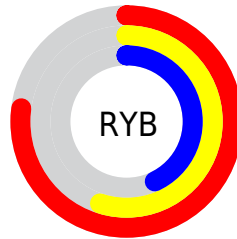
The Yxy color **29.6366, 0.4128, 0.3602** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **37.1721, 0.2482, 0.2944**, and the grayscale version is **30.2192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9864, 0.3925, 0.3544**, and **12.1098, 0.4478, 0.3669** is the 20% darker color. If you saturate the color by 10%, you get **25.5920, 0.4465, 0.3665**, and if you desaturate by 10%, it is **34.3155, 0.3833, 0.3530**.

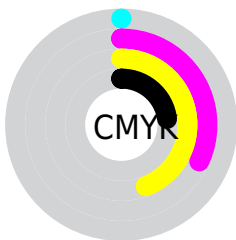
Distribution



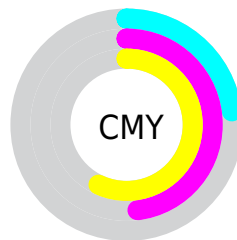
- Red (77%)
- Green (52%)
- Blue (43%)



- Red (77%)
- Yellow (55%)
- Blue (43%)



- Cyan (0%)
- Magenta (32%)
- Yellow (44%)
- Black (23%)





- Cyan (23%)
- Magenta (48%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6366, 0.4128, 0.3602 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 29.6366, 0.4128, 0.3602 by changing the saturation by 10% instead.

 29.6366, 0.4128,
0.3602


 29.6366, 0.4128,
0.3602


300.2069, 0.3586,
0.3455

 19.5629, 0.4276,
0.3633


 59.0870, 0.3921,
0.3552

 12.0777, 0.4473,
0.3666


 79.2325, 0.3847,
0.3533

 6.7966, 0.4747,
0.3700


 103.5041, 0.3785,
0.3515

 3.3352, 0.5144,
0.3719

 132.2862, 0.3732,
0.3500

 1.3092, 0.6109,
0.3891

165.9631, 0.3688,
0.3487

 0.1483, 0.8176,
0.1824

204.9192, 0.3649,

 0.0000, 0.0000,

0.3475

0.0000

249.5390, 0.3616,
0.3465

■ 29.6366, 0.4128,
0.3602

■ 29.6366, 0.4128,
0.3602

■ 25.5920, 0.4465,
0.3665

■ 34.3155, 0.3833,
0.3530

■ 22.1494, 0.4836,
0.3710

■ 39.6504, 0.3580,
0.3456

■ 19.2801, 0.5221,
0.3726


■ 45.6674, 0.3367,
0.3384

■ 16.9511, 0.5586,
0.3702

■ 52.3899, 0.3188,
0.3315


■ 15.1256, 0.5890,
0.3635

■ 59.8399, 0.3039,
0.3252

 14.2331, 0.6044,
0.3583

 68.0387, 0.2913,
0.3193

 77.0066, 0.2808,
0.3140

 85.9813, 0.2778,
0.3213

 90.4745, 0.2784,
0.3289

Harmonies

Analogous

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



29.6366, 0.3934, 0.3204



29.6366, 0.4128, 0.3602



29.6366, 0.4026, 0.3963

Triad

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



29.6366, 0.4128, 0.3602



29.6366, 0.2722, 0.3799



29.6366, 0.2553, 0.2491

Complementary

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



29.6366, 0.4128, 0.3602



37.1721, 0.2482, 0.2944

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.



29.6366, 0.2284, 0.2572



29.6366, 0.4128, 0.3602



29.6366, 0.2372, 0.3301

Square

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



29.6366, 0.4128, 0.3602



29.6366, 0.3199, 0.4139



29.6366, 0.2220, 0.2851



29.6366, 0.2991, 0.2593

Rectangle

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



29.6366, 0.4128, 0.3602



29.6366, 0.3815, 0.4133



29.6366, 0.2220, 0.2851



29.6366, 0.2442, 0.2496

Sweetspot

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



29.6380, 0.4128, 0.3602



83.5242, 0.3354, 0.3379



25.9021, 0.3435, 0.2480



17.3269, 0.3398, 0.3395



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.



29.6380, 0.4128, 0.3602



46.4011, 0.4464, 0.3665



43.8802, 0.3875, 0.4139



10.5068, 0.3282, 0.3352



9.2694, 0.6020, 0.3602



0.5185, 0.5566, 0.3962

Inverse Universe

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



37.1721, 0.2482, 0.2944



61.7690, 0.2357, 0.2851



23.2781, 0.2365, 0.2258



10.9574, 0.2984, 0.3227



15.4326, 0.2002, 0.2406



0.7753, 0.2063, 0.2627

Previews

White Background



This preview shows how the Yxy color 29.6366, 0.4128, 0.3602 looks on a white background.

Color Contrast Check

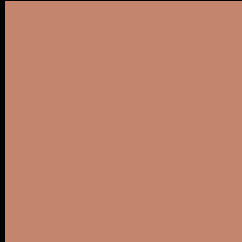
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6366, 0.4128, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

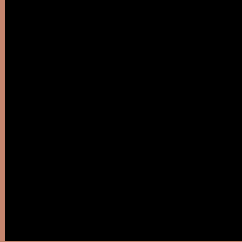
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6366, 0.4128, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 29.6366, 0.4128, 0.3602.



This preview shows how white text looks on a background with the Yxy color 29.6366, 0.4128, 0.3602.

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

29.6366, 0.4128, 0.3602

Protanopia

29.7333, 0.3544, 0.3776

Deuteranopia

29.6588, 0.3870, 0.3790



Tritanopia

29.7067, 0.3835, 0.3159

Trichromacy



Original Color

29.6366, 0.4128, 0.3602

Protanomaly

29.6305, 0.3754, 0.3724

Deuteranomaly

29.6366, 0.3956, 0.3719

Tritanomaly

29.5295, 0.3953, 0.3319

Monochromacy



Original Color

29.6366, 0.4128, 0.3602

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.5012, 0.3461, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6366, 0.4128, 0.3602 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(196, 133, 110)` looks like.

```
.text, #text, p{  
    color:rgb(196, 133, 110)  
}
```

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(196, 133, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 133, 110) }
```

Border

The CSS property to change the border of an element to Yxy 29.6366, 0.4128, 0.3602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

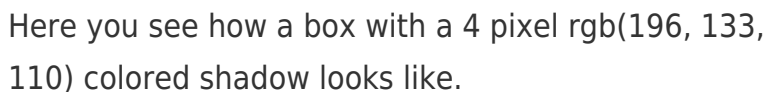
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 133, 110) }
```

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

```
.border{ border-color:rgb(196, 133, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 133, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 133, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 133, 110); box-shadow:4px 4px 4px 4px rgb(196, 133, 110) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6366, 0.4128, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 133, 110) }
```

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

```
.background{ background-color: rgb(196,  
133, 110) }
```

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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