

Converting Colors

$Y_{xy}(29.0286, 0.4327, 0.3807)$

Have a look what the booklet for
Yxy(29.0286, 0.4327, 0.3807)
contains.

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Color

Yxy(29.0286, 0.4327, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	C4845D
RGB	196, 132, 93
RGB Percent	77%, 52%, 36%
CMY	0.2314, 0.4823, 0.6351
CMYK	0.00, 0.33, 0.53, 0.23
HSL	23°, 47%, 57%
HSV	23°, 53%, 77%
XYZ	32.9936, 29.0286, 14.2284
YIQ	146.6900, 50.6630, 1.4390

Conversions

Conversions Part 2

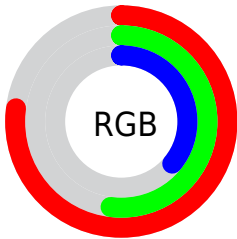
Format	Color
RYB	196, 156, 93
Decimal	12878941
CIELab	60.81, 20.33, 30.93
CIElCh	61, 37.020, 56.681
Yxy	29.0286, 0.4327, 0.3807
Android (android.graphics.Color)	4291069021 (0xFFC4845D)
YUV	146.6900, -26.4692, 43.2449
Hunter-Lab	53.8782, 15.0220, 22.0572

Details

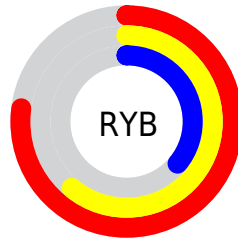
The Yxy color **29.0286, 0.4327, 0.3807** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **30.4410, 0.2335, 0.2678**, and the grayscale version is **29.1405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9715, 0.4083, 0.3721**, and **11.7208, 0.4723, 0.3910** is the 20% darker color. If you saturate the color by 10%, you get **25.6123, 0.4648, 0.3881**, and if you desaturate by 10%, it is **32.9227, 0.4031, 0.3714**.

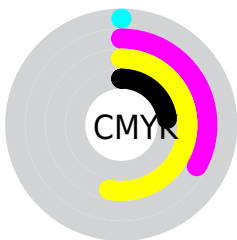
Distribution



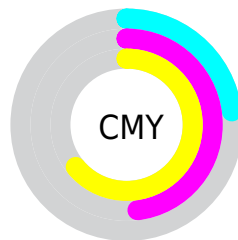
- Red (77%)
- Green (52%)
- Blue (36%)



- Red (77%)
- Yellow (61%)
- Blue (36%)



- Cyan (0%)
- Magenta (33%)
- Yellow (53%)
- Black (23%)





- Cyan (23%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0286, 0.4327, 0.3807 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 29.0286, 0.4327, 0.3807 by changing the saturation by 10% instead.


 29.0286, 0.4327,
0.3807


 29.0286, 0.4327,
0.3807


297.3499, 0.3681,
0.3562


 19.1025, 0.4499,
0.3857


 58.1225, 0.4083,
0.3724

 11.7443, 0.4724,
0.3912


 78.0591, 0.3994,
0.3691

 6.5698, 0.5025,
0.3963


 102.1013, 0.3920,
0.3662

 3.1946, 0.5519,
0.4044

 130.6334, 0.3857,
0.3637

 1.2341, 0.6072,
0.3928

164.0400, 0.3804,
0.3615

 0.0893, 0.8668,
0.1332

202.7053, 0.3757,

 0.0000, 0.0000,

0.3595

0.0000

247.0138, 0.3717,
0.3578

■ 29.0286, 0.4327,
0.3807

■ 29.0286, 0.4327,
0.3807

■ 25.6123, 0.4648,
0.3881

■ 32.9227, 0.4031,
0.3714

■ 22.6494, 0.4981,
0.3924

■ 37.3090, 0.3766,
0.3613

■ 20.1192, 0.5301,
0.3923

■ 42.2067, 0.3536,
0.3509

■ 17.9975, 0.5583,
0.3870

■ 47.6324, 0.3337,
0.3409

■ 16.6567, 0.5764,
0.3806

■ 53.6022, 0.3166,
0.3313

■ 60.1311, 0.3021,
0.3224

■ 67.2338, 0.2896,
0.3142

■ 74.9242, 0.2790,
0.3068

■ 82.2507, 0.2772,
0.3147

Harmonies

Analogous

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



29.0286, 0.4226, 0.3341



29.0286, 0.4327, 0.3807



29.0286, 0.4077, 0.4207

Triad

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



29.0286, 0.4327, 0.3807



29.0286, 0.2465, 0.3699



29.0286, 0.2605, 0.2366

Complementary

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



29.0286, 0.4327, 0.3807



30.4410, 0.2335, 0.2678

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.



29.0286, 0.2214, 0.2375



29.0286, 0.4327, 0.3807



29.0286, 0.2136, 0.3081

Square

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



29.0286, 0.4327, 0.3807



29.0286, 0.2990, 0.4222



29.0286, 0.2052, 0.2611



29.0286, 0.3175, 0.2555

Rectangle

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



29.0286, 0.4327, 0.3807



29.0286, 0.3765, 0.4368



29.0286, 0.2052, 0.2611



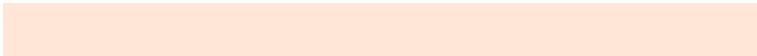
29.0286, 0.2451, 0.2345

Sweetspot

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



29.0300, 0.4327, 0.3807



82.5187, 0.3407, 0.3445



22.0484, 0.3657, 0.2452



17.2216, 0.3449, 0.3467



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.



29.0300, 0.4327, 0.3807



45.5654, 0.4697, 0.3889



46.0948, 0.3966, 0.4403



10.6886, 0.3280, 0.3378



10.8564, 0.5739, 0.3826



0.6022, 0.5319, 0.4159

Inverse Universe

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



30.4410, 0.2335, 0.2678



48.2931, 0.2189, 0.2515



16.7813, 0.2168, 0.1846



10.7672, 0.2984, 0.3201



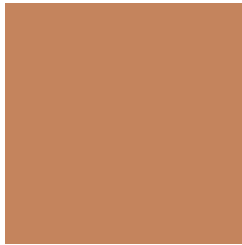
11.6474, 0.1893, 0.2014



0.6326, 0.1981, 0.2331

Previews

White Background



This preview shows how the Yxy color 29.0286, 0.4327, 0.3807 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 29.0286, 0.4327, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

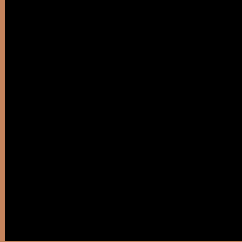
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0286, 0.4327, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 29.0286, 0.4327, 0.3807.



This preview shows how white text looks on a background with the Yxy color 29.0286, 0.4327, 0.3807.

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

29.0286, 0.4327, 0.3807

Protanopia

29.1392, 0.3741, 0.4040

Deuteranopia

28.9765, 0.4085, 0.3995



Tritanopia

28.8414, 0.3884, 0.3159

Trichromacy



Original Color

29.0286, 0.4327, 0.3807

Protanomaly

28.9797, 0.3940, 0.3959

Deuteranomaly

28.9783, 0.4176, 0.3918

Tritanomaly

28.8002, 0.4061, 0.3400

Monochromacy



Original Color

29.0286, 0.4327, 0.3807

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.8776, 0.3538, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0286, 0.4327, 0.3807 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, 132, 93)` looks like.

```
.text, #text, p{  
    color:rgb(196, 132, 93)  
}
```

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, 132, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 132, 93) }
```

Border

The CSS property to change the border of an element to Yxy 29.0286, 0.4327, 0.3807 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, 132, 93) }
```

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

```
.border{ border-color:rgb(196, 132, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 132, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 132, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 132, 93);  
box-shadow:4px 4px 4px 4px rgb(196, 132,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0286, 0.4327, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 132, 93) }
```

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

```
.background{ background-color: rgb(196,  
132, 93) }
```

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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