

Converting Colors

$Y_{xy}(29.4036, 0.3716, 0.3541)$

Have a look what the booklet for
Yxy(29.4036, 0.3716, 0.3541)
contains.

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Color

Yxy(29.4163, 0.3715, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	B08C7B
RGB	176, 140, 123
RGB Percent	69%, 55%, 48%
CMY	0.3097, 0.4510, 0.5176
CMYK	0.00, 0.20, 0.30, 0.31
HSL	19°, 25%, 59%
HSV	19°, 30%, 69%
XYZ	30.8618, 29.4163, 22.7953
YIQ	148.8260, 26.9130, 2.3450

Conversions

Conversions Part 2

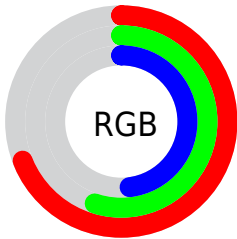
Format	Color
RYB	176, 148, 123
Decimal	11570299
CIELab	61.15, 11.13, 14.26
CIElCh	61, 18.086, 52.019
Yxy	29.4163, 0.3715, 0.3541
Android (android.graphics.Color)	4289760379 (0xFFB08C7B)
YUV	148.8260, -12.7322, 23.8316
Hunter-Lab	54.2368, 6.6555, 13.0466

Details

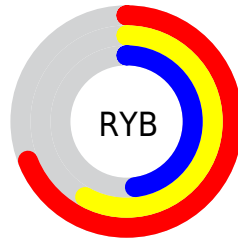
The Yxy color $29.4163, 0.3715, 0.3541$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $32.1580, 0.2671, 0.3023$, and the grayscale version is $30.0256, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.8345, 0.3592, 0.3505$, and $11.9443, 0.3919, 0.3623$ is the 20% darker color. If you saturate the color by 10%, you get $25.7075, 0.3980, 0.3628$, and if you desaturate by 10%, it is $33.5873, 0.3487, 0.3454$.

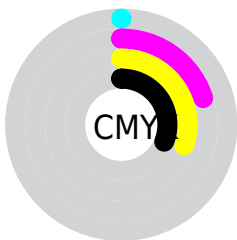
Distribution



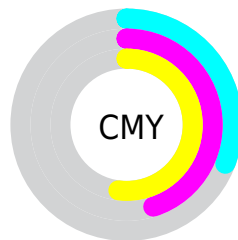
- Red (69%)
- Green (55%)
- Blue (48%)



- Red (69%)
- Yellow (58%)
- Blue (48%)



- Cyan (0%)
- Magenta (20%)
- Yellow (30%)
- Black (31%)





- Cyan (31%)
- Magenta (45%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4163, 0.3715, 0.3541 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 29.4163, 0.3715, 0.3541 by changing the saturation by 10% instead.


 29.4163, 0.3715,
0.3541


 29.4163, 0.3715,
0.3541


299.1741, 0.3396,
0.3413


 19.3960, 0.3803,
0.3573


 58.7379, 0.3593,
0.3494

 11.9567, 0.3923,
0.3615


 78.8079, 0.3549,
0.3476

 6.7142, 0.4092,
0.3668


 102.9966, 0.3512,
0.3462

 3.2840, 0.4348,
0.3739

131.6883, 0.3482,
0.3449

 1.2818, 0.4955,
0.3970

165.2676, 0.3456,
0.3438

 0.1270, 0.7555,
0.2445

204.1187, 0.3433,

 0.0000, 0.0000,

0.3428

0.0000

248.6261, 0.3414,
0.3420

■ 29.4163, 0.3715,
0.3541

■ 29.4163, 0.3715,
0.3541

■ 25.7075, 0.3980,
0.3628

■ 33.5873, 0.3487,
0.3454

■ 22.4404, 0.4283,
0.3708

■ 38.2318, 0.3293,
0.3370

■ 19.5990, 0.4618,
0.3774

■ 43.3659, 0.3129,
0.3291

■ 17.1646, 0.4974,
0.3814


■ 49.0037, 0.2990,
0.3218

■ 15.1172, 0.5326,
0.3817

■ 55.1588, 0.2872,
0.3150


 13.4343, 0.5643,
0.3773

 61.8441, 0.2772,
0.3089

 12.0982, 0.5905,
0.3693

 69.0720, 0.2686,
0.3033

 76.2727, 0.2656,
0.3076

 83.3826, 0.2672,
0.3209

Harmonies

Analogous

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



29.4163, 0.3633, 0.3298



29.4163, 0.3715, 0.3541



29.4163, 0.3631, 0.3735

Triad

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



29.4163, 0.3715, 0.3541



29.4163, 0.2841, 0.3529



29.4163, 0.2833, 0.2805

Complementary

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



29.4163, 0.3715, 0.3541



32.1580, 0.2671, 0.3023

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.



29.4163, 0.2640, 0.2841



29.4163, 0.3715, 0.3541



29.4163, 0.2644, 0.3249

Square

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



29.4163, 0.3715, 0.3541



29.4163, 0.3120, 0.3744



29.4163, 0.2573, 0.2998



29.4163, 0.3112, 0.2887

Rectangle

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



29.4163, 0.3715, 0.3541



29.4163, 0.3495, 0.3805



29.4163, 0.2573, 0.2998



29.4163, 0.2756, 0.2804

Sweetspot

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



29.4177, 0.3715, 0.3541



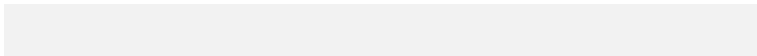
70.1724, 0.3276, 0.3362



25.9139, 0.3347, 0.2773



14.9331, 0.3302, 0.3374



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.4177, 0.3715, 0.3541



48.8631, 0.3883, 0.3598



38.0454, 0.3609, 0.3904



8.9349, 0.3279, 0.3364



8.9698, 0.5886, 0.3709



0.3904, 0.5333, 0.4148

Inverse Universe

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



32.1580, 0.2671, 0.3023



54.6051, 0.2576, 0.2956



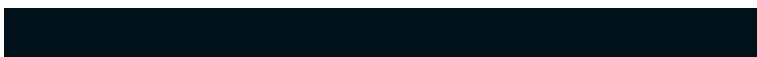
24.0499, 0.2624, 0.2590



9.1633, 0.2986, 0.3215



12.1984, 0.1951, 0.2225



0.4836, 0.2044, 0.2557

Previews

White Background



This preview shows how the Yxy color 29.4163, 0.3715, 0.3541 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 29.4163, 0.3715, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

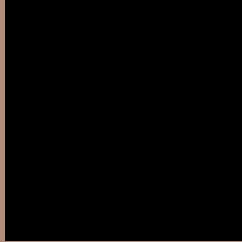
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4163, 0.3715, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 29.4163, 0.3715, 0.3541.



This preview shows how white text looks on a background with the Yxy color 29.4163, 0.3715, 0.3541.

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

29.4163, 0.3715, 0.3541

Protanopia

29.3683, 0.3412, 0.3606

Deuteranopia

29.4340, 0.3650, 0.3576



Tritanopia

29.5816, 0.3491, 0.3148

Trichromacy



Original Color

29.4163, 0.3715, 0.3541

Protanomaly

29.2394, 0.3520, 0.3568

Deuteranomaly

29.3640, 0.3677, 0.3559

Tritanomaly

29.4769, 0.3577, 0.3291

Monochromacy



Original Color

29.4163, 0.3715, 0.3541

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.8221, 0.3325, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4163, 0.3715, 0.3541 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(176, 140, 123)` looks like.

```
.text, #text, p{  
    color:rgb(176, 140, 123)  
}
```

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(176, 140, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 140, 123) }
```

Border

The CSS property to change the border of an element to Yxy 29.4163, 0.3715, 0.3541 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(176, 140, 123) }
```

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

```
.border{ border-color:rgb(176, 140, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 140, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 140, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 140, 123);  
box-shadow:4px 4px 4px 4px rgb(176, 140,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4163, 0.3715, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 140, 123) }
```

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

```
.background{ background-color: rgb(176,  
140, 123) }
```

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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