

Converting Colors

$Y_{xy}(29.2965, 0.3524, 0.3372)$

Have a look what the booklet for
Yxy(29.2965, 0.3524, 0.3372)
contains.

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Color

Yxy(29.1634, 0.3525, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	AB8C87
RGB	171, 140, 135
RGB Percent	67%, 55%, 53%
CMY	0.3295, 0.4509, 0.4706
CMYK	0.00, 0.18, 0.21, 0.33
HSL	8°, 18%, 60%
HSV	8°, 21%, 67%
XYZ	30.5410, 29.1634, 26.9367
YIQ	148.6990, 20.0810, 5.0170

Conversions

Conversions Part 2

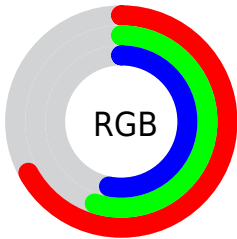
Format	Color
R_{YB}	171, 141, 135
Decimal	11242631
CIE _{Lab}	60.93, 10.89, 7.08
CIE _{LCh}	61, 12.989, 33.020
Yxy	29.1634, 0.3525, 0.3366
Android (android.graphics.Color)	4289432711 (0xFFAB8C87)
YUV	148.6990, -6.7536, 19.5580
Hunter-Lab	54.0031, 6.4436, 8.2284

Details

The Yxy color $29.1634, 0.3525, 0.3366$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $35.3429, 0.2815, 0.3213$, and the grayscale version is $29.9440, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.5453, 0.3445, 0.3359$, and $11.8198, 0.3670, 0.3397$ is the 20% darker color. If you saturate the color by 10%, you get $24.7054, 0.3780, 0.3405$, and if you desaturate by 10%, it is $34.2761, 0.3315, 0.3329$.

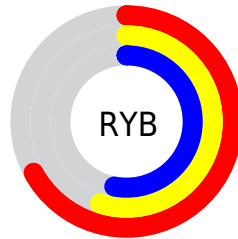
Distribution



Red (67%)

Green (55%)

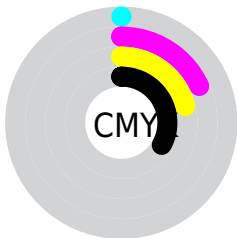
Blue (53%)



Red (67%)

Yellow (55%)

Blue (53%)

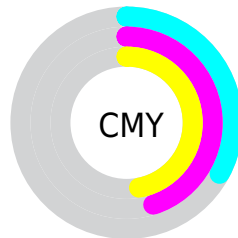


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (33%)



Cyan (33%)


Magenta (45%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.1634, 0.3525, 0.3366 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 29.1634, 0.3525, 0.3366 by changing the saturation by 10% instead.


 29.1634, 0.3525,
0.3366


 29.1634, 0.3525,
0.3366


297.9851, 0.3309,
0.3328


 19.2045, 0.3585,
0.3375


 58.3366, 0.3442,
0.3352

 11.8181, 0.3667,
0.3387


 78.3196, 0.3412,
0.3347

 6.6199, 0.3784,
0.3402


 102.4129, 0.3388,
0.3343

 3.2256, 0.3965,
0.3420

131.0006, 0.3367,
0.3339

 1.2506, 0.4287,
0.3447

164.4673, 0.3349,
0.3336

 0.1025, 0.7800,
0.2200


203.1974, 0.3334,


 0.0000, 0.0000,

0.3333


0.0000


247.5752, 0.3321,
0.3330

 29.1634, 0.3525,
0.3366


 29.1634, 0.3525,
0.3366


 24.7054, 0.3780,
0.3405


 34.2761, 0.3315,
0.3329


 20.8717, 0.4086,
0.3443

 40.0643, 0.3143,
0.3294


 17.6356, 0.4445,
0.3477

 46.5529, 0.3002,
0.3261

 14.9669, 0.4852,
0.3501

 53.7641, 0.2886,
0.3232

 12.8325, 0.5284,
0.3508

 61.7195, 0.2789,
0.3205

■ 11.1961, 0.5699,
0.3492

■ 70.4394, 0.2709,
0.3181

■ 10.0167, 0.6042,
0.3450

■ 79.9436, 0.2641,
0.3160

■ 9.3034, 0.6266,
0.3407

■ 87.3951, 0.2657,
0.3289

Harmonies

Analogous

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



29.1634, 0.3398, 0.3186



29.1634, 0.3525, 0.3366



29.1634, 0.3541, 0.3534

Triad

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



29.1634, 0.3525, 0.3366



29.1634, 0.3046, 0.3566



29.1634, 0.2815, 0.2944

Complementary

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



29.1634, 0.3525, 0.3366



35.3429, 0.2815, 0.3213

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.



29.1634, 0.2729, 0.3030



29.1634, 0.3525, 0.3366



29.1634, 0.2859, 0.3391

Square

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



29.1634, 0.3525, 0.3366



29.1634, 0.3260, 0.3659



29.1634, 0.2745, 0.3192



29.1634, 0.2985, 0.2948

Rectangle

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



29.1634, 0.3525, 0.3366



29.1634, 0.3486, 0.3616



29.1634, 0.2745, 0.3192



29.1634, 0.2776, 0.2963

Sweetspot

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



29.1647, 0.3525, 0.3366



66.3766, 0.3226, 0.3311



28.7397, 0.3200, 0.2843



14.6580, 0.3237, 0.3313



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



29.1647, 0.3525, 0.3366



48.5974, 0.3631, 0.3383



34.7827, 0.3474, 0.3623



8.1891, 0.3283, 0.3322



7.0637, 0.6254, 0.3417



0.2512, 0.5809, 0.3770

Inverse Universe

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



35.3429, 0.2815, 0.3213



61.5602, 0.2753, 0.3195



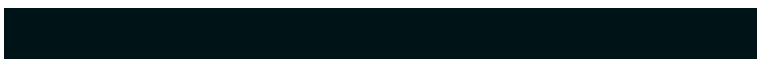
29.3268, 0.2796, 0.2933



8.8785, 0.2986, 0.3258



18.0321, 0.2125, 0.2849



0.5530, 0.2165, 0.2995

Previews

White Background



This preview shows how the Yxy color 29.1634, 0.3525, 0.3366 looks on a white background.

Color Contrast Check

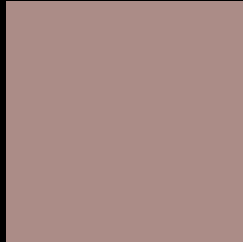
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1634, 0.3525, 0.3366 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 29.1634, 0.3525, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 29.1634, 0.3525, 0.3366.



This preview shows how white text looks on a background with the Yxy color 29.1634, 0.3525, 0.3366.

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

29.1634, 0.3525, 0.3366

Protanopia

29.4069, 0.3258, 0.3416

Deuteranopia

29.2023, 0.3463, 0.3397



Tritanopia

29.2311, 0.3400, 0.3130

Trichromacy



Original Color

29.1634, 0.3525, 0.3366

Protanomaly

29.1524, 0.3349, 0.3383

Deuteranomaly

29.1239, 0.3489, 0.3381

Tritanomaly

29.2495, 0.3441, 0.3217

Monochromacy



Original Color

29.1634, 0.3525, 0.3366

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.7395, 0.3263, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1634, 0.3525, 0.3366 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(171, 140, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 140, 135)  
}
```

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(171, 140, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 140, 135) }
```

Border

The CSS property to change the border of an element to Yxy 29.1634, 0.3525, 0.3366 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(171, 140, 135) }
```

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

```
.border{ border-color:rgb(171, 140, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 140, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 140, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 140, 135);  
box-shadow:4px 4px 4px 4px rgb(171, 140,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1634, 0.3525, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 140, 135) }
```

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

```
.background{ background-color: rgb(171,  
140, 135) }
```

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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