

Converting Colors

$Y_{xy}(28.6938, 0.3420, 0.3430)$

Have a look what the booklet for
Yxy(28.6938, 0.3420, 0.3430)
contains.

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Color

Yxy(28.6165, 0.3429, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	A18E85
RGB	161, 142, 133
RGB Percent	63%, 56%, 52%
CMY	0.3685, 0.4432, 0.4784
CMYK	0.00, 0.12, 0.17, 0.37
HSL	19°, 13%, 58%
HSV	19°, 17%, 63%
XYZ	28.6082, 28.6165, 26.2054
YIQ	146.6550, 14.2130, 1.2290

Conversions

Conversions Part 2

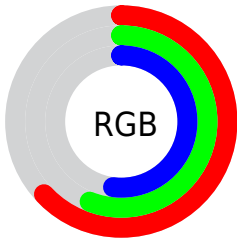
Format	Color
R_{YB}	161, 146, 133
Decimal	10587781
CIE Lab	60.44, 5.59, 7.39
CIE LCh	60, 9.269, 52.876
Yxy	28.6165, 0.3429, 0.3430
Android (android.graphics.Color)	4288777861 (0xFFA18E85)
YUV	146.6550, -6.7319, 12.5806
Hunter-Lab	53.4944, 1.8445, 8.4016

Details

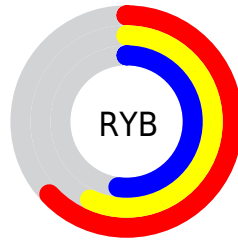
The Yxy color $28.6165, 0.3429, 0.3430$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.0265, 0.2864, 0.3146$, and the grayscale version is $29.0532, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.6240, 0.3366, 0.3407$, and $11.5456, 0.3526, 0.3470$ is the 20% darker color. If you saturate the color by 10%, you get $25.1108, 0.3645, 0.3516$, and if you desaturate by 10%, it is $32.5121, 0.3245, 0.3348$.

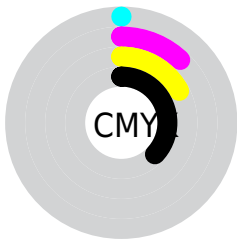
Distribution



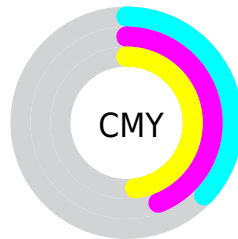
- Red (63%)
- Green (56%)
- Blue (52%)



- Red (63%)
- Yellow (57%)
- Blue (52%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (37%)





- Cyan (37%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6165, 0.3429, 0.3430 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 28.6165, 0.3429, 0.3430 by changing the saturation by 10% instead.


 28.6165, 0.3429,
0.3430


 28.6165, 0.3429,
0.3430


295.4012, 0.3265,
0.3356


 18.7909, 0.3475,
0.3450


 57.4672, 0.3366,
0.3402

 11.5193, 0.3537,
0.3476


 77.2611, 0.3343,
0.3392

 6.4173, 0.3627,
0.3513


 101.1466, 0.3325,
0.3383

 3.1004, 0.3765,
0.3567

129.5080, 0.3309,
0.3376

 1.1844, 0.4029,
0.3671

162.7298, 0.3295,
0.3370

 0.0489, 0.7892,
0.2108

201.1963, 0.3284,

 0.0000, 0.0000,

0.3365

0.0000

245.2920, 0.3274,
0.3360

■ 28.6165, 0.3429,
0.3430

■ 28.6165, 0.3429,
0.3430

■ 25.1108, 0.3645,
0.3516

■ 32.5121, 0.3245,
0.3348

■ 21.9790, 0.3897,
0.3603

■ 36.8056, 0.3089,
0.3271

■ 19.2095, 0.4187,
0.3686

■ 41.5093, 0.2957,
0.3199

■ 16.7885, 0.4511,
0.3757

■ 46.6339, 0.2845,
0.3134

■ 14.7015, 0.4859,
0.3806

■ 52.1898, 0.2749,
0.3074

■ 12.9327, 0.5213,
0.3822

■ 58.1869, 0.2667,
0.3020

■ 11.4648, 0.5542,
0.3794

■ 64.6348, 0.2597,
0.2970

■ 10.2764, 0.5822,
0.3723

■ 71.0959, 0.2568,
0.2998

■ 10.0080, 0.5891,
0.3704

■ 77.3547, 0.2587,
0.3125

Harmonies

Analogous

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



28.6165, 0.3389, 0.3302



28.6165, 0.3429, 0.3430



28.6165, 0.3386, 0.3525

Triad

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



28.6165, 0.3429, 0.3430



28.6165, 0.2976, 0.3409



28.6165, 0.2979, 0.3034

Complementary

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



28.6165, 0.3429, 0.3430



30.0265, 0.2864, 0.3146

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.



28.6165, 0.2873, 0.3055



28.6165, 0.3429, 0.3430



28.6165, 0.2872, 0.3269

Square

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



28.6165, 0.3429, 0.3430



28.6165, 0.3122, 0.3516



28.6165, 0.2834, 0.3139



28.6165, 0.3126, 0.3078

Rectangle

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



28.6165, 0.3429, 0.3430



28.6165, 0.3316, 0.3555



28.6165, 0.2834, 0.3139



28.6165, 0.2937, 0.3033

Sweetspot

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



28.6178, 0.3429, 0.3430



59.9185, 0.3207, 0.3329



26.6265, 0.3240, 0.2999



13.0334, 0.3217, 0.3335



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



28.6178, 0.3429, 0.3430



48.6477, 0.3511, 0.3464



33.0122, 0.3394, 0.3637



7.4399, 0.3277, 0.3363



8.0573, 0.5876, 0.3716



0.2515, 0.5211, 0.4244

Inverse Universe

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



30.0265, 0.2864, 0.3146



51.6603, 0.2804, 0.3109



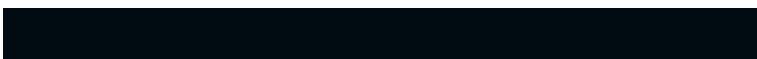
25.7770, 0.2853, 0.2917



7.6260, 0.2987, 0.3216



10.9208, 0.1952, 0.2228



0.3091, 0.2072, 0.2658

Previews

White Background



This preview shows how the Yxy color 28.6165, 0.3429, 0.3430 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 28.6165, 0.3429, 0.3430 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 28.6165, 0.3429, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 28.6165, 0.3429, 0.3430.



This preview shows how white text looks on a background with the Yxy color 28.6165, 0.3429, 0.3430.

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

28.6165, 0.3429, 0.3430

Protanopia

28.5794, 0.3291, 0.3450

Deuteranopia

28.7425, 0.3476, 0.3413



Tritanopia

28.4538, 0.3277, 0.3124

Trichromacy



Original Color

28.6165, 0.3429, 0.3430

Protanomaly

28.6363, 0.3347, 0.3448

Deuteranomaly

28.6357, 0.3465, 0.3414

Tritanomaly

28.4512, 0.3327, 0.3230

Monochromacy



Original Color

28.6165, 0.3429, 0.3430

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.8792, 0.3231, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6165, 0.3429, 0.3430 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(161, 142, 133)` looks like.

```
.text, #text, p{  
    color:rgb(161, 142, 133)  
}
```

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(161, 142, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 142, 133) }
```

Border

The CSS property to change the border of an element to Yxy 28.6165, 0.3429, 0.3430 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(161, 142, 133) }
```

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

```
.border{ border-color:rgb(161, 142, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 142, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 142, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 142, 133);  
box-shadow:4px 4px 4px 4px rgb(161, 142,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6165, 0.3429, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 142, 133) }
```

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

```
.background{ background-color: rgb(161,  
142, 133) }
```

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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