

Converting Colors

$Y_{xy}(28.7427, 0.3584, 0.3335)$

Have a look what the booklet for
Yxy(28.7427, 0.3584, 0.3335)
contains.

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Color

Yxy(28.7265, 0.3591, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	AF8986
RGB	175, 137, 134
RGB Percent	69%, 54%, 53%
CMY	0.3138, 0.4627, 0.4746
CMYK	0.00, 0.22, 0.23, 0.31
HSL	4°, 20%, 61%
HSV	4°, 23%, 69%
XYZ	30.9223, 28.7265, 26.4618
YIQ	148.0200, 23.6110, 7.1230

Conversions

Conversions Part 2

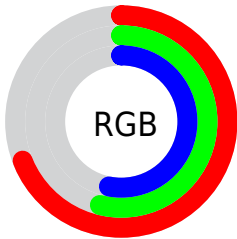
Format	Color
R_{YB}	175, 137, 134
Decimal	11504006
CIE _{Lab}	60.54, 13.97, 7.15
CIE _{LCh}	61, 15.699, 27.111
Yxy	28.7265, 0.3591, 0.3336
Android (android.graphics.Color)	4289694086 (0xFFAF8986)
YUV	148.0200, -6.9119, 23.6615
Hunter-Lab	53.5971, 9.1889, 8.2455

Details

The Yxy color **28.7265, 0.3591, 0.3336** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **37.6419, 0.2784, 0.3244**, and the grayscale version is **29.6446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4037, 0.3495, 0.3325**, and **11.5941, 0.3771, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **24.0132, 0.3868, 0.3357**, and if you desaturate by 10%, it is **34.2149, 0.3365, 0.3316**.

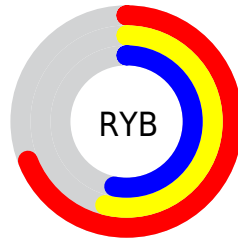
Distribution



Red (69%)

Green (54%)

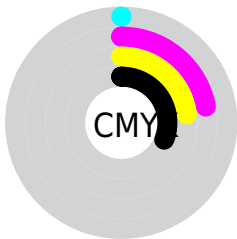
Blue (53%)



Red (69%)

Yellow (54%)

Blue (53%)

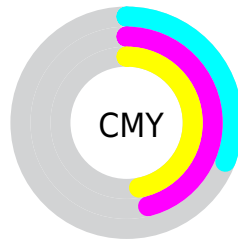


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (31%)



Cyan (31%)


Magenta (46%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7265, 0.3591, 0.3336 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 28.7265, 0.3591, 0.3336 by changing the saturation by 10% instead.


 28.7265, 0.3591,
0.3336

 28.7265, 0.3591,
0.3336


295.9223, 0.3339,
0.3315

 18.8740, 0.3662,
0.3340


 57.6423, 0.3494,
0.3329

 11.5793, 0.3758,
0.3345


 77.4743, 0.3459,
0.3326

 6.4579, 0.3896,
0.3349


 101.4017, 0.3430,
0.3324

 3.1255, 0.4109,
0.3350

129.8088, 0.3406,
0.3322

 1.1976, 0.4498,
0.3349

163.0801, 0.3385,
0.3320

 0.0597, 0.8695,
0.1305

201.5998, 0.3368,

 0.0000, 0.0000,


0.3318


0.0000


245.7524, 0.3352,
0.3316

 28.7265, 0.3591,
0.3336


 28.7265, 0.3591,
0.3336

 24.0132, 0.3868,
0.3357


 34.2149, 0.3365,
0.3316

 20.0364, 0.4203,
0.3377


 40.5069, 0.3182,
0.3296


 16.7599, 0.4597,
0.3394

 47.6345, 0.3033,
0.3279


 14.1432, 0.5037,
0.3404

 55.6267, 0.2912,
0.3263

 12.1415, 0.5491,
0.3403


 64.5112, 0.2813,
0.3248


 10.7044, 0.5902,
0.3388

 74.3144, 0.2731,
0.3235

 9.7735, 0.6205,
0.3359

 84.9670, 0.2670,
0.3239

 9.3978, 0.6343,
0.3346

 87.8509, 0.2676,
0.3289

Harmonies

Analogous

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



28.7265, 0.3413, 0.3124



28.7265, 0.3591, 0.3336



28.7265, 0.3638, 0.3546

Triad

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



28.7265, 0.3591, 0.3336



28.7265, 0.3078, 0.3660



28.7265, 0.2721, 0.2883

Complementary

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



28.7265, 0.3591, 0.3336



37.6419, 0.2784, 0.3244

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.



28.7265, 0.2641, 0.3005



28.7265, 0.3591, 0.3336



28.7265, 0.2841, 0.3459

Square

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



28.7265, 0.3591, 0.3336



28.7265, 0.3335, 0.3748



28.7265, 0.2684, 0.3215



28.7265, 0.2908, 0.2868

Rectangle

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



28.7265, 0.3591, 0.3336



28.7265, 0.3589, 0.3659



28.7265, 0.2684, 0.3215



28.7265, 0.2681, 0.2912

Sweetspot

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



28.7278, 0.3591, 0.3336



68.2363, 0.3245, 0.3303



29.1436, 0.3182, 0.2754



15.0193, 0.3255, 0.3304



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.



28.7278, 0.3591, 0.3336



47.0280, 0.3724, 0.3347



35.0166, 0.3527, 0.3625



8.1071, 0.3285, 0.3307



6.7695, 0.6333, 0.3354



0.2185, 0.6059, 0.3571

Inverse Universe

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



37.6419, 0.2784, 0.3244



65.7441, 0.2716, 0.3232



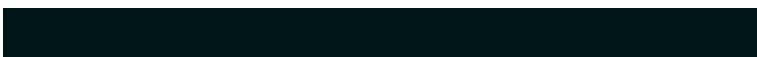
30.5344, 0.2759, 0.2930



8.9690, 0.2986, 0.3273



20.7703, 0.2184, 0.3061



0.6072, 0.2204, 0.3135

Previews

White Background



This preview shows how the Yxy color 28.7265, 0.3591, 0.3336 looks on a white background.

Color Contrast Check

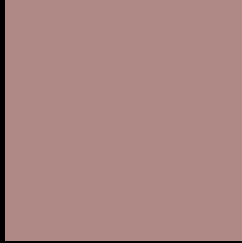
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7265, 0.3591, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

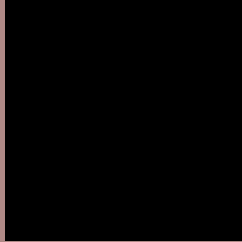
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7265, 0.3591, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 28.7265, 0.3591, 0.3336.



This preview shows how white text looks on a background with the Yxy color 28.7265, 0.3591, 0.3336.

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

28.7265, 0.3591, 0.3336

Protanopia

29.0012, 0.3249, 0.3401

Deuteranopia

28.7425, 0.3476, 0.3413



Tritanopia

28.6334, 0.3473, 0.3131

Trichromacy



Original Color

28.7265, 0.3591, 0.3336

Protanomaly

28.9246, 0.3373, 0.3383

Deuteranomaly

28.8846, 0.3525, 0.3396

Tritanomaly

28.7914, 0.3515, 0.3204

Monochromacy



Original Color

28.7265, 0.3591, 0.3336

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.1988, 0.3287, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7265, 0.3591, 0.3336 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(175, 137, 134)` looks like.

```
.text, #text, p{  
    color:rgb(175, 137, 134)  
}
```

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(175, 137, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 137, 134) }
```

Border

The CSS property to change the border of an element to Yxy 28.7265, 0.3591, 0.3336 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(175, 137, 134) }
```

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

```
.border{ border-color:rgb(175, 137, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 137, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 137, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 137, 134);  
box-shadow:4px 4px 4px 4px rgb(175, 137,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7265, 0.3591, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 137, 134) }
```

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

```
.background{ background-color: rgb(175,  
137, 134) }
```

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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