

Converting Colors

$Y_{xy}(28.0082, 0.3630, 0.3345)$

Have a look what the booklet for
Yxy(28.0082, 0.3630, 0.3345)
contains.

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Color

Yxy(28.0806, 0.3632, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	AF8783
RGB	175, 135, 131
RGB Percent	69%, 53%, 51%
CMY	0.3138, 0.4705, 0.4863
CMYK	0.00, 0.23, 0.25, 0.31
HSL	6°, 22%, 60%
HSV	6°, 25%, 69%
XYZ	30.4353, 28.0806, 25.2818
YIQ	146.5040, 25.1240, 7.2360

Conversions

Conversions Part 2

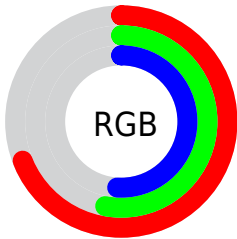
Format	Color
R_{YB}	175, 135, 131
Decimal	11503491
CIE _{Lab}	59.96, 14.65, 8.04
CIE _{LCh}	60, 16.713, 28.761
Yxy	28.0806, 0.3632, 0.3351
Android (android.graphics.Color)	4289693571 (0xFFAF8783)
YUV	146.5040, -7.6435, 24.9910
Hunter-Lab	52.9911, 9.7865, 8.8069

Details

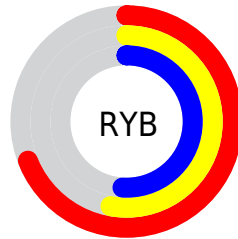
The Yxy color **28.0806, 0.3632, 0.3351** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **37.0234, 0.2759, 0.3228**, and the grayscale version is **28.9864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4161, 0.3524, 0.3336**, and **11.2438, 0.3818, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **23.5373, 0.3916, 0.3377**, and if you desaturate by 10%, it is **33.3688, 0.3399, 0.3326**.

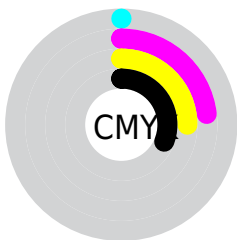
Distribution



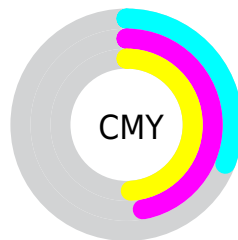
- Red (69%)
- Green (53%)
- Blue (51%)



- Red (69%)
- Yellow (53%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (25%)
- Black (31%)





- Cyan (31%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0806, 0.3632, 0.3351 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 28.0806, 0.3632, 0.3351 by changing the saturation by 10% instead.


 28.0806, 0.3632,
0.3351


 28.0806, 0.3632,
0.3351


292.8519, 0.3356,
0.3323

 18.3864, 0.3710,
0.3357


 56.6131, 0.3525,
0.3341

 11.2278, 0.3816,
0.3364


 76.2202, 0.3487,
0.3338

 6.2203, 0.3968,
0.3370

 99.9004, 0.3456,
0.3334

 2.9795, 0.4205,
0.3374

128.0381, 0.3430,
0.3331

 1.1210, 0.4669,
0.3396

161.0177, 0.3407,
0.3329

 0.0000, 1.0000,
0.0000


199.2236, 0.3388,

 0.0000, 0.0000,


0.3326

0.0000


243.0402, 0.3371,
0.3324


 28.0806, 0.3632,
0.3351


 28.0806, 0.3632,
0.3351


 23.5373, 0.3916,
0.3377


 33.3688, 0.3399,
0.3326


 19.7017, 0.4257,
0.3401

 39.4290, 0.3210,
0.3302


 16.5392, 0.4654,
0.3421

 46.2921, 0.3056,
0.3280

 14.0110, 0.5094,
0.3432

 53.9858, 0.2931,
0.3259

 12.0742, 0.5540,
0.3428

 62.5366, 0.2828,
0.3241

■ 10.6804, 0.5936,
0.3407

■ 71.9698, 0.2743,
0.3225

■ 9.7735, 0.6223,
0.3371

■ 82.3098, 0.2672,
0.3210

■ 9.4834, 0.6326,
0.3359

■ 87.8515, 0.2676,
0.3289

Harmonies

Analogous

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



28.0806, 0.3447, 0.3124



28.0806, 0.3632, 0.3351



28.0806, 0.3674, 0.3574

Triad

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



28.0806, 0.3632, 0.3351



28.0806, 0.3059, 0.3679



28.0806, 0.2700, 0.2850

Complementary

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



28.0806, 0.3632, 0.3351



37.0234, 0.2759, 0.3228

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.



28.0806, 0.2608, 0.2974



28.0806, 0.3632, 0.3351



28.0806, 0.2809, 0.3458

Square

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



28.0806, 0.3632, 0.3351



28.0806, 0.3335, 0.3781



28.0806, 0.2647, 0.3194



28.0806, 0.2905, 0.2842

Rectangle

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



28.0806, 0.3632, 0.3351



28.0806, 0.3615, 0.3693



28.0806, 0.2647, 0.3194



28.0806, 0.2656, 0.2879

Sweetspot

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



28.0819, 0.3632, 0.3351



67.2359, 0.3263, 0.3309



28.2914, 0.3194, 0.2724



14.5793, 0.3290, 0.3312



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.



28.0819, 0.3632, 0.3351



45.7701, 0.3778, 0.3365



34.7443, 0.3558, 0.3661



8.1290, 0.3284, 0.3311



6.8353, 0.6315, 0.3368



0.2272, 0.5987, 0.3628

Inverse Universe

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



37.0234, 0.2759, 0.3228



64.4593, 0.2687, 0.3213



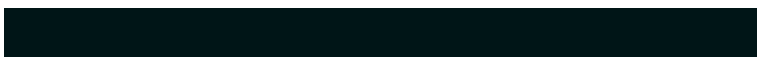
29.5125, 0.2730, 0.2888



8.9446, 0.2986, 0.3269



20.0105, 0.2168, 0.3005



0.5923, 0.2194, 0.3098

Previews

White Background



This preview shows how the Yxy color 28.0806, 0.3632, 0.3351 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 28.0806, 0.3632, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

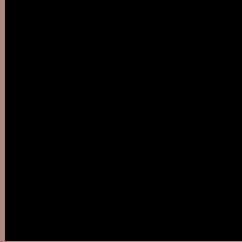
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0806, 0.3632, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 28.0806, 0.3632, 0.3351.



This preview shows how white text looks on a background with the Yxy color 28.0806, 0.3632, 0.3351.

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

28.0806, 0.3632, 0.3351

Protanopia

28.1137, 0.3261, 0.3419

Deuteranopia

28.2604, 0.3500, 0.3445



Tritanopia

27.9883, 0.3512, 0.3145

Trichromacy



Original Color

28.0806, 0.3632, 0.3351

Protanomaly

28.0401, 0.3387, 0.3400

Deuteranomaly

28.1135, 0.3552, 0.3413

Tritanomaly

28.1444, 0.3555, 0.3218

Monochromacy



Original Color

28.0806, 0.3632, 0.3351

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.7361, 0.3298, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0806, 0.3632, 0.3351 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, 135, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 135, 131)  
}
```

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, 135, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 135, 131) }
```

Border

The CSS property to change the border of an element to Yxy 28.0806, 0.3632, 0.3351 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, 135, 131) }
```

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

```
.border{ border-color:rgb(175, 135, 131) }
```

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

Here you see how a box with a 4 pixel rgb(175, 135, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 135, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 135, 131);  
box-shadow:4px 4px 4px 4px rgb(175, 135,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0806, 0.3632, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 135, 131) }
```

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

```
.background{ background-color: rgb(175,  
135, 131) }
```

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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