

Converting Colors

$Y_{xy}(28.0802, 0.3652, 0.3359)$

Have a look what the booklet for
Yxy(28.0802, 0.3652, 0.3359)
contains.

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Color

Yxy(28.1698, 0.3655, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	B08782
RGB	176, 135, 130
RGB Percent	69%, 53%, 51%
CMY	0.3098, 0.4706, 0.4902
CMYK	0.00, 0.23, 0.26, 0.31
HSL	7°, 23%, 60%
HSV	7°, 26%, 69%
XYZ	30.5975, 28.1698, 24.9468
YIQ	146.6890, 26.0410, 7.1370

Conversions

Conversions Part 2

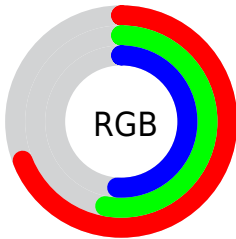
Format	Color
RYB	176, 136, 130
Decimal	11569026
CIELab	60.04, 14.91, 8.73
CIELCh	60, 17.276, 30.334
Yxy	28.1698, 0.3655, 0.3365
Android (android.graphics.Color)	4289759106 (0xFFB08782)
YUV	146.6890, -8.2277, 25.7057
Hunter-Lab	53.0752, 10.0224, 9.2847

Details

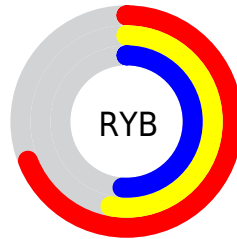
The Yxy color **28.1698, 0.3655, 0.3365** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.0069, 0.2745, 0.3213**, and the grayscale version is **29.0698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5411, 0.3541, 0.3347**, and **11.2287, 0.3835, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **23.6781, 0.3941, 0.3395**, and if you desaturate by 10%, it is **33.3900, 0.3419, 0.3335**.

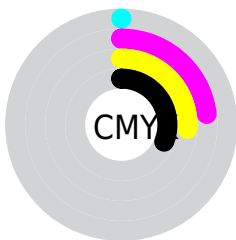
Distribution



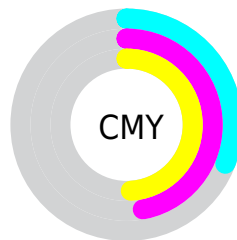
- Red (69%)
- Green (53%)
- Blue (51%)



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



- Cyan (0%)
- Magenta (23%)
- Yellow (26%)
- Black (31%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1698, 0.3655, 0.3365 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 28.1698, 0.3655, 0.3365 by changing the saturation by 10% instead.


 28.1698, 0.3655,
0.3365


 28.1698, 0.3655,
0.3365


293.2774, 0.3367,
0.3330


 18.4537, 0.3736,
0.3373


 56.7554, 0.3544,
0.3353

 11.2762, 0.3847,
0.3382


 76.3937, 0.3504,
0.3348

 6.2529, 0.4005,
0.3391


 100.1082, 0.3471,
0.3344

 2.9995, 0.4252,
0.3398

128.2833, 0.3443,
0.3340

 1.1315, 0.4744,
0.3434

161.3034, 0.3420,
0.3337

 0.0046, 0.9876,
0.0124

199.5528, 0.3400,

 0.0000, 0.0000,

0.3334

0.0000

243.4160, 0.3382,
0.3332

■ 28.1698, 0.3655,
0.3365

■ 28.1698, 0.3655,
0.3365

■ 23.6781, 0.3941,
0.3395

■ 33.3900, 0.3419,
0.3335

■ 19.8788, 0.4284,
0.3424

■ 39.3650, 0.3227,
0.3306

■ 16.7385, 0.4681,
0.3446

■ 46.1245, 0.3070,
0.3280

■ 14.2196, 0.5118,
0.3458

■ 53.6956, 0.2942,
0.3256

■ 12.2806, 0.5557,
0.3453

■ 62.1040, 0.2836,
0.3234

■ 10.8749, 0.5945,
0.3428

■ 71.3743, 0.2749,
0.3215

■ 9.9481, 0.6224,
0.3385

■ 81.5300, 0.2677,
0.3197

■ 9.6995, 0.6308,
0.3373

■ 87.9696, 0.2681,
0.3289

Harmonies

Analogous

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



28.1698, 0.3470, 0.3130



28.1698, 0.3655, 0.3365



28.1698, 0.3690, 0.3593

Triad

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



28.1698, 0.3655, 0.3365



28.1698, 0.3041, 0.3683



28.1698, 0.2695, 0.2833

Complementary

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



28.1698, 0.3655, 0.3365



37.0069, 0.2745, 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.



28.1698, 0.2594, 0.2954



28.1698, 0.3655, 0.3365



28.1698, 0.2787, 0.3449

Square

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



28.1698, 0.3655, 0.3365



28.1698, 0.3327, 0.3796



28.1698, 0.2626, 0.3177



28.1698, 0.2911, 0.2831

Rectangle

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



28.1698, 0.3655, 0.3365



28.1698, 0.3624, 0.3713



28.1698, 0.2626, 0.3177



28.1698, 0.2647, 0.2860

Sweetspot

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



28.1711, 0.3655, 0.3365



69.1068, 0.3263, 0.3312



28.1530, 0.3205, 0.2711



14.6187, 0.3290, 0.3316



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.



28.1711, 0.3655, 0.3365



46.5242, 0.3803, 0.3382



35.1596, 0.3575, 0.3687



8.6490, 0.3284, 0.3315



7.1616, 0.6297, 0.3382



0.2732, 0.5944, 0.3663

Inverse Universe

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



37.0069, 0.2745, 0.3213



65.1113, 0.2672, 0.3196



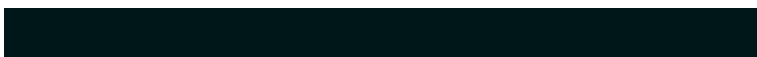
29.1879, 0.2712, 0.2858



9.4707, 0.2986, 0.3265



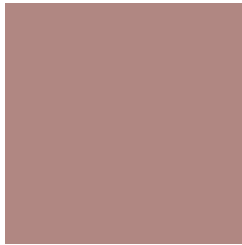
20.0150, 0.2153, 0.2950



0.6745, 0.2181, 0.3053

Previews

White Background



This preview shows how the Yxy color 28.1698, 0.3655, 0.3365 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 28.1698, 0.3655, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

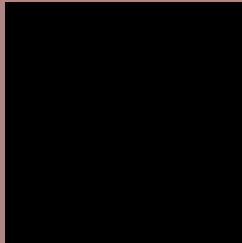
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1698, 0.3655, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 28.1698, 0.3655, 0.3365.



This preview shows how white text looks on a background with the Yxy color 28.1698, 0.3655, 0.3365.

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

28.1698, 0.3655, 0.3365

Protanopia

28.1798, 0.3282, 0.3435

Deuteranopia

28.3405, 0.3523, 0.3460



Tritanopia

28.1053, 0.3523, 0.3146

Trichromacy



Original Color

28.1698, 0.3655, 0.3365

Protanomaly

28.1141, 0.3409, 0.3416

Deuteranomaly

28.1970, 0.3575, 0.3427

Tritanomaly

28.2323, 0.3578, 0.3233

Monochromacy



Original Color

28.1698, 0.3655, 0.3365

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.8371, 0.3309, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1698, 0.3655, 0.3365 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, 135, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 135, 130)  
}
```

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, 135, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 135, 130) }
```

Border

The CSS property to change the border of an element to Yxy 28.1698, 0.3655, 0.3365 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, 135, 130) }
```

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

```
.border{ border-color:rgb(176, 135, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 135, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 135, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 135, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 135,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1698, 0.3655, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 135, 130) }
```

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

```
.background{ background-color: rgb(176,  
135, 130) }
```

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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