

Converting Colors

$Yxy(29.8598, 0.3649, 0.3422)$

Have a look what the booklet for
Yxy(29.8598, 0.3649, 0.3422)
contains.

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Color

Yxy(29.8598, 0.3649, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	B28C83
RGB	178, 140, 131
RGB Percent	70%, 55%, 51%
CMY	0.3018, 0.4510, 0.4863
CMYK	0.00, 0.21, 0.26, 0.30
HSL	11°, 23%, 61%
HSV	11°, 26%, 70%
XYZ	31.8406, 29.8598, 25.5580
YIQ	150.3360, 25.5370, 5.2570

Conversions

Conversions Part 2

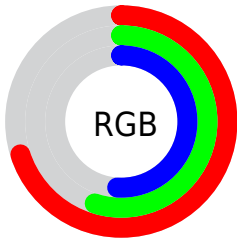
Format	Color
RYB	178, 142, 131
Decimal	11701379
CIELab	61.53, 13.06, 10.31
CIElCh	62, 16.638, 38.270
Yxy	29.8598, 0.3649, 0.3422
Android (android.graphics.Color)	4289891459 (0xFFB28C83)
YUV	150.3360, -9.5326, 24.2613
Hunter-Lab	54.6441, 8.3829, 10.5200

Details

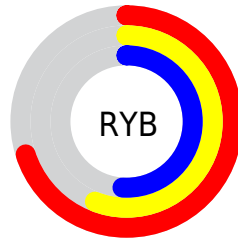
The Yxy color **29.8598, 0.3649, 0.3422** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.4332, 0.2735, 0.3153**, and the grayscale version is **30.6842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5367, 0.3536, 0.3402**, and **12.2066, 0.3819, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **25.4829, 0.3923, 0.3475**, and if you desaturate by 10%, it is **34.8732, 0.3420, 0.3370**.

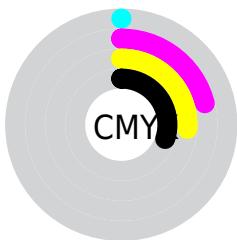
Distribution



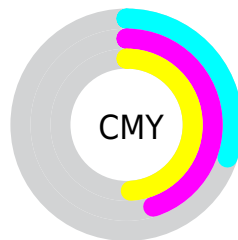
- Red (70%)
- Green (55%)
- Blue (51%)



- Red (70%)
- Yellow (56%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (30%)





- Cyan (30%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.8598, 0.3649, 0.3422 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 29.8598, 0.3649, 0.3422 by changing the saturation by 10% instead.


 29.8598, 0.3649,
0.3422


 29.8598, 0.3649,
0.3422


301.2504, 0.3366,
0.3356


 19.7322, 0.3727,
0.3438


 59.4404, 0.3541,
0.3398

 12.2005, 0.3833,
0.3458


 79.6622, 0.3502,
0.3389

 6.8804, 0.3984,
0.3482


 104.0175, 0.3469,
0.3382

 3.3874, 0.4214,
0.3513

132.8907, 0.3442,
0.3375

 1.3372, 0.4642,
0.3570

166.6661, 0.3419,
0.3370

 0.1697, 0.7389,
0.2611

205.7283, 0.3399,

 0.0000, 0.0000,

0.3365

0.0000

250.4616, 0.3382,
0.3360

■ 29.8598, 0.3649,
0.3422

■ 29.8598, 0.3649,
0.3422

■ 25.4829, 0.3923,
0.3475

■ 34.8732, 0.3420,
0.3370

■ 21.7128, 0.4246,
0.3525

■ 40.5429, 0.3231,
0.3320

■ 18.5238, 0.4617,
0.3566

■ 46.8931, 0.3074,
0.3274

■ 15.8865, 0.5022,
0.3590

■ 53.9454, 0.2945,
0.3232

■ 13.7689, 0.5435,
0.3589

■ 61.7205, 0.2837,
0.3193

■ 12.1359, 0.5810,
0.3555

■ 70.2382, 0.2746,
0.3158

■ 10.9464, 0.6100,
0.3490

■ 79.4772, 0.2673,
0.3133

■ 10.6147, 0.6189,
0.3468

■ 88.2090, 0.2691,
0.3289

Harmonies

Analogous

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



29.8598, 0.3509, 0.3196



29.8598, 0.3649, 0.3422



29.8598, 0.3641, 0.3627

Triad

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



29.8598, 0.3649, 0.3422



29.8598, 0.2977, 0.3610



29.8598, 0.2764, 0.2846

Complementary

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



29.8598, 0.3649, 0.3422



36.4332, 0.2735, 0.3153

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.



29.8598, 0.2635, 0.2932



29.8598, 0.3649, 0.3422



29.8598, 0.2755, 0.3373

Square

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



29.8598, 0.3649, 0.3422



29.8598, 0.3247, 0.3752



29.8598, 0.2632, 0.3121



29.8598, 0.2991, 0.2872

Rectangle

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



29.8598, 0.3649, 0.3422



29.8598, 0.3555, 0.3723



29.8598, 0.2632, 0.3121



29.8598, 0.2708, 0.2862

Sweetspot

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



29.8612, 0.3649, 0.3422



71.6364, 0.3261, 0.3328



28.5818, 0.3247, 0.2755



15.5199, 0.3288, 0.3336



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



29.8612, 0.3649, 0.3422



49.1261, 0.3811, 0.3455



37.3518, 0.3568, 0.3745



8.7595, 0.3282, 0.3334



7.6631, 0.6171, 0.3482



0.3189, 0.5671, 0.3879

Inverse Universe

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



36.4332, 0.2735, 0.3153



63.1456, 0.2650, 0.3117



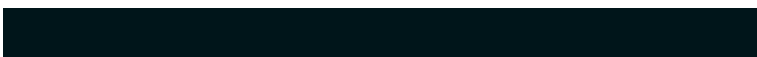
28.5663, 0.2701, 0.2789



9.3500, 0.2986, 0.3245



16.6538, 0.2077, 0.2675



0.5950, 0.2129, 0.2865

Previews

White Background



This preview shows how the Yxy color 29.8598, 0.3649, 0.3422 looks on a white background.

Color Contrast Check

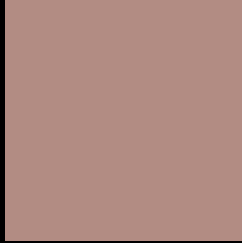
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8598, 0.3649, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

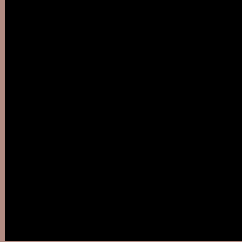
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8598, 0.3649, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 29.8598, 0.3649, 0.3422.



This preview shows how white text looks on a background with the Yxy color 29.8598, 0.3649, 0.3422.

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

29.8598, 0.3649, 0.3422

Protanopia

29.8976, 0.3328, 0.3494

Deuteranopia

29.8027, 0.3559, 0.3486



Tritanopia

29.7327, 0.3491, 0.3134

Trichromacy



Original Color

29.8598, 0.3649, 0.3422

Protanomaly

29.7586, 0.3433, 0.3459

Deuteranomaly

29.8419, 0.3596, 0.3469

Tritanomaly

29.7137, 0.3544, 0.3234

Monochromacy



Original Color

29.8598, 0.3649, 0.3422

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.0145, 0.3305, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8598, 0.3649, 0.3422 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(178, 140, 131)` looks like.

```
.text, #text, p{  
    color:rgb(178, 140, 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(178, 140, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 140, 131) }
```

Border

The CSS property to change the border of an element to Yxy 29.8598, 0.3649, 0.3422 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(178, 140, 131) }
```

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

```
.border{ border-color:rgb(178, 140, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 140, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 140, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 140, 131);  
box-shadow:4px 4px 4px 4px rgb(178, 140,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8598, 0.3649, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 140, 131) }
```

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

```
.background{ background-color: rgb(178,  
140, 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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