

Converting Colors

Yxy(30.2014, 0.3951, 0.3282)

Have a look what the booklet for
Yxy(30.2014, 0.3951, 0.3282)
contains.

Yxy(30.0215, 0.3951, 0.3279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.0215, 0.3951, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	C98283
RGB	201, 130, 131
RGB Percent	79%, 51%, 51%
CMY	0.2116, 0.4902, 0.4863
CMYK	0.00, 0.35, 0.35, 0.21
HSL	359°, 40%, 65%
HSV	359°, 35%, 79%
XYZ	36.1741, 30.0215, 25.3613
YIQ	151.3430, 41.9950, 15.3630

Conversions

Conversions Part 2

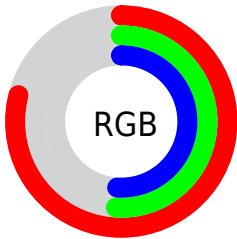
Format	Color
R _Y B	201, 130, 131
Decimal	13206147
CIE Lab	61.67, 27.55, 10.86
CIE LCh	62, 29.614, 21.520
Yxy	30.0215, 0.3951, 0.3279
Android (android.graphics.Color)	4291396227 (0xFFC98283)
YUV	151.3430, -10.0291, 43.5492
Hunter-Lab	54.7919, 21.9616, 10.9110

Details

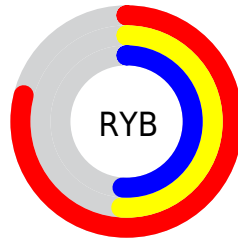
The Yxy color **30.0215, 0.3951, 0.3279** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.7062, 0.2639, 0.3302**, and the grayscale version is **31.1332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.0017, 0.3740, 0.3292**, and **12.3663, 0.4233, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **24.7009, 0.4316, 0.3277**, and if you desaturate by 10%, it is **36.4925, 0.3651, 0.3282**.

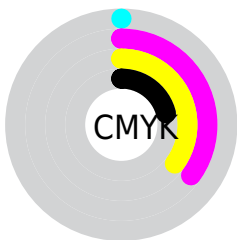
Distribution



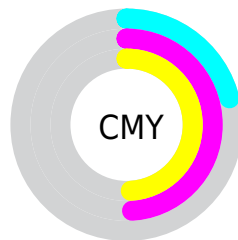
- Red (79%)
- Green (51%)
- Blue (51%)



- Red (79%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (35%)
- Yellow (35%)
- Black (21%)





- Cyan (21%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0215, 0.3951, 0.3279 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 30.0215, 0.3951, 0.3279 by changing the saturation by 10% instead.


 30.0215, 0.3951,
0.3279


 30.0215, 0.3951,
0.3279


302.0047, 0.3505,
0.3296


 19.8549, 0.4074,
0.3270


 59.6962, 0.3780,
0.3288

 12.2896, 0.4240,
0.3255


 79.9731, 0.3719,
0.3291

 6.9412, 0.4475,
0.3228


 104.3888, 0.3668,
0.3293

 3.4254, 0.4829,
0.3175

133.3278, 0.3625,
0.3294

 1.3576, 0.5455,
0.3077

167.1746, 0.3588,
0.3295

 0.1852, 0.8209,
0.1791


206.3133, 0.3557,


 0.0000, 0.0000,


0.3295


0.0000


251.1286, 0.3529,
0.3296


 30.0215, 0.3951,
0.3279


 30.0215, 0.3951,
0.3279


 24.7009, 0.4316,
0.3277


 36.4925, 0.3651,
0.3282


 20.4594, 0.4745,
0.3275

 44.1710, 0.3408,
0.3285


 17.2245, 0.5215,
0.3276

 53.1159, 0.3214,
0.3288

 14.9129, 0.5680,
0.3279


 63.3805, 0.3059,
0.3291


 13.4283, 0.6068,
0.3285

 75.0153, 0.2935,
0.3294

 12.6527, 0.6314,
0.3292

 88.0683, 0.2834,
0.3297

 12.4289, 0.6387,
0.3292

 91.1626, 0.2811,
0.3289

Harmonies

Analogous

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



30.0215, 0.3573, 0.2923



30.0215, 0.3951, 0.3279



30.0215, 0.4086, 0.3661

Triad

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



30.0215, 0.3951, 0.3279



30.0215, 0.3109, 0.4057



30.0215, 0.2352, 0.2574

Complementary

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



30.0215, 0.3951, 0.3279



50.7062, 0.2639, 0.3302

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.



30.0215, 0.2253, 0.2809



30.0215, 0.3951, 0.3279



30.0215, 0.2667, 0.3693

Square

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



30.0215, 0.3951, 0.3279



30.0215, 0.3577, 0.4155



30.0215, 0.2362, 0.3215



30.0215, 0.2645, 0.2529

Rectangle

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



30.0215, 0.3951, 0.3279



30.0215, 0.4018, 0.3891



30.0215, 0.2362, 0.3215



30.0215, 0.2296, 0.2631

Sweetspot

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



30.0230, 0.3951, 0.3279



81.7363, 0.3322, 0.3287



32.4394, 0.3156, 0.2420



17.0543, 0.3349, 0.3286



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



30.0230, 0.3951, 0.3279



44.5922, 0.4209, 0.3277



40.7021, 0.3805, 0.3736



10.6394, 0.3287, 0.3287



7.8128, 0.6383, 0.3290



0.3708, 0.6321, 0.3256

Inverse Universe

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



30.0230, 0.3951, 0.3279



44.5922, 0.4209, 0.3277



36.4896, 0.2567, 0.2795



10.6394, 0.3287, 0.3287



7.8128, 0.6383, 0.3290



0.3708, 0.6321, 0.3256

Previews

White Background



This preview shows how the Yxy color 30.0215, 0.3951, 0.3279 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 30.0215, 0.3951, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

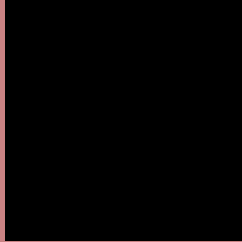
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0215, 0.3951, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 30.0215, 0.3951, 0.3279.



This preview shows how white text looks on a background with the Yxy color 30.0215, 0.3951, 0.3279.

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

30.0215, 0.3951, 0.3279

Protanopia

30.2880, 0.3256, 0.3415

Deuteranopia

30.1894, 0.3578, 0.3515



Tritanopia

30.0920, 0.3881, 0.3174

Trichromacy



Original Color

30.0215, 0.3951, 0.3279

Protanomaly

29.8101, 0.3498, 0.3365

Deuteranomaly

30.0220, 0.3709, 0.3420

Tritanomaly

30.0063, 0.3918, 0.3214

Monochromacy



Original Color

30.0215, 0.3951, 0.3279

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.0936, 0.3398, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0215, 0.3951, 0.3279 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(201, 130, 131)` looks like.

```
.text, #text, p{  
    color:rgb(201, 130, 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(201, 130, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 130, 131) }
```

Border

The CSS property to change the border of an element to Yxy 30.0215, 0.3951, 0.3279 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(201, 130, 131) }
```

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

```
.border{ border-color:rgb(201, 130, 131) }
```

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

Here you see how a box with a 4 pixel rgb(201, 130, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 130, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 130, 131);  
box-shadow:4px 4px 4px 4px rgb(201, 130,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0215, 0.3951, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 130, 131) }
```

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

```
.background{ background-color: rgb(201,  
130, 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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