

Converting Colors

Yxy(60.2249, 0.3151, 0.3421)

Have a look what the booklet for
Yxy(60.2249, 0.3151, 0.3421)
contains.

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Color

Yxy(60.2249, 0.3151, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	C7CEC3
RGB	199, 206, 195
RGB Percent	78%, 81%, 76%
CMY	0.2197, 0.1921, 0.2352
CMYK	0.03, 0.00, 0.05, 0.19
HSL	98°, 10%, 79%
HSV	98°, 5%, 81%
XYZ	55.4717, 60.2249, 60.3481
YIQ	202.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

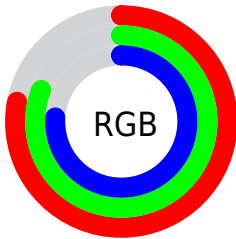
Format	Color
RYB	195, 206, 202
Decimal	13094595
CIELab	81.96, -4.40, 4.61
CIELCh	82, 6.373, 133.642
Yxy	60.2249, 0.3151, 0.3421
Android (android.graphics.Color)	4291284675 (0xFFC7CEC3)
YUV	202.6530, -3.7729, -3.2037
Hunter-Lab	77.6047, -8.2168, 8.2173

Details

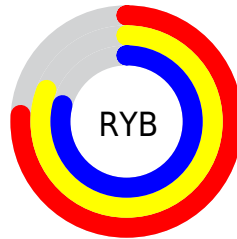
The Yxy color $60.2249, 0.3151, 0.3421$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $56.0672, 0.3102, 0.3160$, and the grayscale version is $59.5164, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.8083, 0.3144, 0.3319$, and $30.3993, 0.3159, 0.3466$ is the 20% darker color. If you saturate the color by 10%, you get $57.6301, 0.3195, 0.3686$, and if you desaturate by 10%, it is $63.1102, 0.3106, 0.3181$.

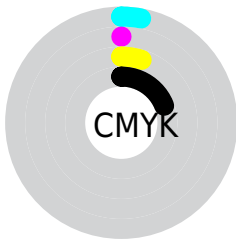
Distribution



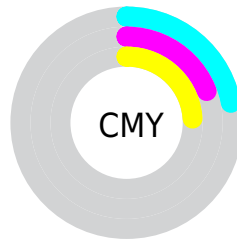
- Red (78%)
- Green (81%)
- Blue (76%)



- Red (76%)
- Yellow (81%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2249, 0.3151, 0.3421 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 60.2249, 0.3151, 0.3421 by changing the saturation by 10% instead.

■ 60.2249, 0.3151,
0.3421

■ 60.2249, 0.3151,
0.3421

425.4262, 0.3140,
0.3358

■ 43.5999, 0.3154,
0.3436

105.1558, 0.3147,
0.3399

■ 30.3561, 0.3157,
0.3455

134.2306, 0.3146,
0.3390

■ 20.1090, 0.3161,
0.3480

168.2241, 0.3144,
0.3383

■ 12.4743, 0.3166,
0.3514

207.5207, 0.3143,
0.3376

■ 7.0676, 0.3174,
0.3562

252.5048, 0.3142,
0.3371

■ 3.5044, 0.3185,
0.3636

303.5609, 0.3141,

■ 1.4004, 0.3202,

0.3366

361.0732, 0.3141,
0.3362

0.3766

0.2170, 0.3130,
0.6870

0.0000, 0.0000,
0.0000

60.2249, 0.3151,
0.3421

60.2249, 0.3151,
0.3421

57.6301, 0.3195,
0.3686

63.1102, 0.3106,
0.3181

55.3090, 0.3236,
0.3975

66.2871, 0.3062,
0.2967

53.2543, 0.3272,
0.4283

69.6477, 0.3032,
0.2794

51.4557, 0.3300,
0.4600

72.0259, 0.3126,
0.2808

■ 49.9022, 0.3315,
0.4914

■ 72.6277, 0.3150,
0.2811

■ 48.5818, 0.3316,
0.5207

■ 47.4814, 0.3299,
0.5463

■ 46.5862, 0.3265,
0.5663

■ 45.8790, 0.3216,
0.5799

Harmonies

Analogous

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



60.2249, 0.3227, 0.3432



60.2249, 0.3151, 0.3421



60.2249, 0.3069, 0.3374

Triad

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



60.2249, 0.3151, 0.3421



60.2249, 0.2979, 0.3175



60.2249, 0.3252, 0.3276

Complementary

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



60.2249, 0.3151, 0.3421



56.0672, 0.3102, 0.3160

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.



60.2249, 0.3184, 0.3209



60.2249, 0.3151, 0.3421



60.2249, 0.3027, 0.3151

Square

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



60.2249, 0.3151, 0.3421



60.2249, 0.2971, 0.3230



60.2249, 0.3102, 0.3164



60.2249, 0.3286, 0.3347

Rectangle

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



60.2249, 0.3151, 0.3421



60.2249, 0.3022, 0.3328



60.2249, 0.3102, 0.3164



60.2249, 0.3233, 0.3252

Sweetspot

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



60.2275, 0.3151, 0.3421



99.0610, 0.3136, 0.3339



59.2988, 0.3209, 0.3372



21.2130, 0.3136, 0.3336



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.



60.2275, 0.3151, 0.3421



97.2404, 0.3154, 0.3440



59.7620, 0.3111, 0.3404



12.8911, 0.3157, 0.3453



28.1265, 0.3202, 0.5839



1.4935, 0.3360, 0.5714

Inverse Universe

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



56.0672, 0.3102, 0.3160



89.5970, 0.3098, 0.3141



56.5533, 0.3144, 0.3178



11.7959, 0.3096, 0.3129



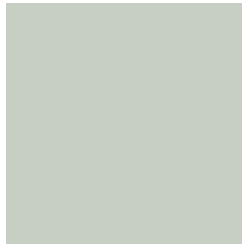
5.8242, 0.2331, 0.1058



0.3422, 0.2504, 0.1153

Previews

White Background



This preview shows how the Yxy color 60.2249, 0.3151, 0.3421 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 60.2249, 0.3151, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

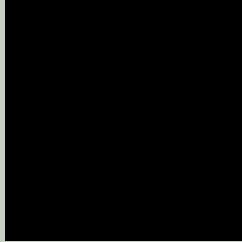
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

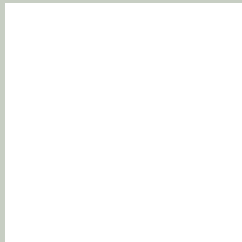
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2249, 0.3151, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 60.2249, 0.3151, 0.3421.

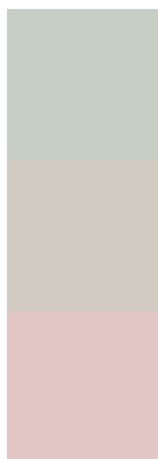


This preview shows how white text looks on a background with the Yxy color 60.2249, 0.3151, 0.3421.

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

60.2249, 0.3151, 0.3421

Protanopia

60.2638, 0.3254, 0.3407

Deuteranopia

60.1325, 0.3361, 0.3291



Tritanopia

60.0520, 0.3016, 0.3094

Trichromacy



Original Color

60.2249, 0.3151, 0.3421

Protanomaly

60.2026, 0.3214, 0.3408

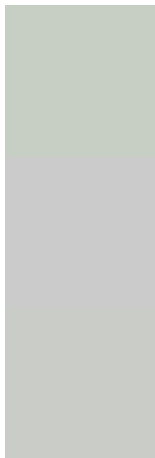
Deuteranomaly

59.8930, 0.3283, 0.3336

Tritanomaly

59.9216, 0.3070, 0.3208

Monochromacy



Original Color

60.2249, 0.3151, 0.3421

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.9124, 0.3140, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2249, 0.3151, 0.3421 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(199, 206, 195)` looks like.

```
.text, #text, p{  
    color:rgb(199, 206, 195)  
}
```

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(199, 206, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 206, 195) }
```

Border

The CSS property to change the border of an element to Yxy 60.2249, 0.3151, 0.3421 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(199, 206, 195) }
```

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

```
.border{ border-color:rgb(199, 206, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 206, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 206, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 206, 195);  
box-shadow:4px 4px 4px 4px rgb(199, 206,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2249, 0.3151, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 206, 195) }
```

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

```
.background{ background-color: rgb(199,  
206, 195) }
```

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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