

Converting Colors

$Yxy(59.8300, 0.3143, 0.3464)$

Have a look what the booklet for
Yxy(59.8300, 0.3143, 0.3464)
contains.

Yxy(60.0335, 0.3141, 0.3471)	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(60.0335, 0.3141, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	C3CFC0
RGB	195, 207, 192
RGB Percent	76%, 81%, 75%
CMY	0.2354, 0.1882, 0.2470
CMYK	0.06, 0.00, 0.07, 0.19
HSL	108°, 14%, 78%
HSV	108°, 7%, 81%
XYZ	54.3259, 60.0335, 58.5980
YIQ	201.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

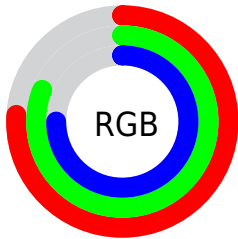
Format	Color
RYB	192, 207, 204
Decimal	12832704
CIELab	81.86, -6.85, 6.04
CIELCh	82, 9.129, 138.601
Yxy	60.0335, 0.3141, 0.3471
Android (android.graphics.Color)	4291022784 (0xFFC3CFC0)
YUV	201.7020, -4.7831, -5.8777
Hunter-Lab	77.4813, -10.4372, 9.3968

Details

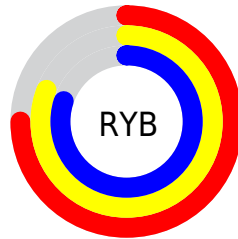
The Yxy color **60.0335, 0.3141, 0.3471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0553, 0.3112, 0.3113**, and the grayscale version is **58.8968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9928, 0.3149, 0.3357**, and **30.3093, 0.3137, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **57.0893, 0.3159, 0.3746**, and if you desaturate by 10%, it is **63.3586, 0.3122, 0.3225**.

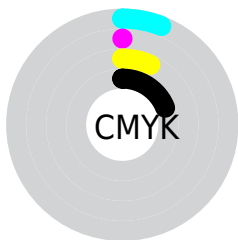
Distribution



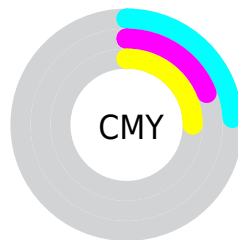
- Red (76%)
- Green (81%)
- Blue (75%)



- Red (75%)
- Yellow (81%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0335, 0.3141, 0.3471 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 60.0335, 0.3141, 0.3471 by changing the saturation by 10% instead.

■ 60.0335, 0.3141,
0.3471

■ 60.0335, 0.3141,
0.3471

424.7212, 0.3135,
0.3383

■ 43.4456, 0.3142,
0.3492

■ 104.8783, 0.3139,
0.3440

■ 30.2349, 0.3144,
0.3519

133.9040, 0.3138,
0.3428

■ 20.0170, 0.3146,
0.3554

167.8444, 0.3137,
0.3418

■ 12.4074, 0.3148,
0.3601

207.0839, 0.3137,
0.3409

■ 7.0218, 0.3151,
0.3669

252.0070, 0.3136,
0.3401

■ 3.4757, 0.3154,
0.3774

302.9980, 0.3136,

■ 1.3848, 0.3157,

0.3395

0.3961

360.4412, 0.3135,
0.3389

0.2055, 0.1206,
0.8794

0.0000, 0.0000,
0.0000

60.0335, 0.3141,
0.3471

60.0335, 0.3141,
0.3471

57.0893, 0.3159,
0.3746

63.3586, 0.3122,
0.3225

54.5049, 0.3173,
0.4050

67.0696, 0.3102,
0.3009

52.2686, 0.3183,
0.4375

71.1813, 0.3082,
0.2819

50.3652, 0.3187,
0.4713

73.1130, 0.3149,
0.2821

■ 48.7785, 0.3182,
0.5046

■ 47.4908, 0.3167,
0.5354

■ 46.4823, 0.3142,
0.5614

■ 45.7312, 0.3109,
0.5807

■ 45.2101, 0.3072,
0.5925

Harmonies

Analogous

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



60.0335, 0.3254, 0.3496



60.0335, 0.3141, 0.3471



60.0335, 0.3026, 0.3395

Triad

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



60.0335, 0.3141, 0.3471



60.0335, 0.2923, 0.3116



60.0335, 0.3319, 0.3286

Complementary

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



60.0335, 0.3141, 0.3471



55.0553, 0.3112, 0.3113

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.



60.0335, 0.3227, 0.3188



60.0335, 0.3141, 0.3471



60.0335, 0.2999, 0.3091

Square

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



60.0335, 0.3141, 0.3471



60.0335, 0.2902, 0.3188



60.0335, 0.3110, 0.3118



60.0335, 0.3358, 0.3386

Rectangle

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



60.0335, 0.3141, 0.3471



60.0335, 0.2963, 0.3326



60.0335, 0.3110, 0.3118



60.0335, 0.3293, 0.3252

Sweetspot

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



60.0361, 0.3141, 0.3471



98.9071, 0.3131, 0.3339



60.2661, 0.3237, 0.3432



21.1817, 0.3131, 0.3337



0.0000, 0.0000, 0.0000



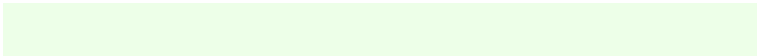
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0361, 0.3141, 0.3471



95.2787, 0.3144, 0.3520



59.8495, 0.3087, 0.3417



13.3166, 0.3145, 0.3528



28.4413, 0.3070, 0.5944



1.6239, 0.3192, 0.5847

Inverse Universe

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



55.0553, 0.3112, 0.3113



85.3751, 0.3107, 0.3066



55.2595, 0.3169, 0.3166



11.8867, 0.3107, 0.3059



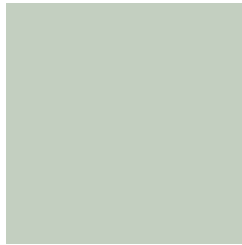
8.0052, 0.2719, 0.1271



0.4783, 0.2814, 0.1324

Previews

White Background



This preview shows how the Yxy color 60.0335, 0.3141, 0.3471 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 60.0335, 0.3141, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

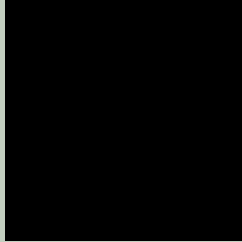
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

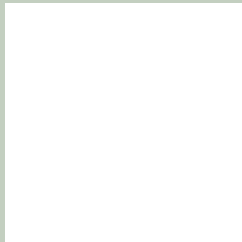
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0335, 0.3141, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 60.0335, 0.3141, 0.3471.



This preview shows how white text looks on a background with the Yxy color 60.0335, 0.3141, 0.3471.

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

60.0335, 0.3141, 0.3471

Protanopia

60.1312, 0.3276, 0.3443

Deuteranopia

59.5436, 0.3386, 0.3313



Tritanopia

59.9685, 0.2986, 0.3104

Trichromacy



Original Color

60.0335, 0.3141, 0.3471

Protanomaly

59.9265, 0.3228, 0.3444

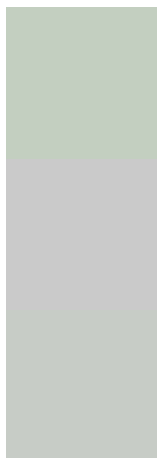
Deuteranomaly

59.6059, 0.3298, 0.3371

Tritanomaly

59.7949, 0.3047, 0.3231

Monochromacy



Original Color

60.0335, 0.3141, 0.3471

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.4051, 0.3131, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0335, 0.3141, 0.3471 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(195, 207, 192)` looks like.

```
.text, #text, p{  
    color:rgb(195, 207, 192)  
}
```

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(195, 207, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 207, 192) }
```

Border

The CSS property to change the border of an element to Yxy 60.0335, 0.3141, 0.3471 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(195, 207, 192) }
```

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

```
.border{ border-color:rgb(195, 207, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 207, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 207, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 207, 192);  
box-shadow:4px 4px 4px 4px rgb(195, 207,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0335, 0.3141, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 207, 192) }
```

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

```
.background{ background-color: rgb(195,  
207, 192) }
```

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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