

Converting Colors

Yxy(59.9531, 0.3136, 0.3422)

Have a look what the booklet for
Yxy(59.9531, 0.3136, 0.3422)
contains.

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Color

Yxy(59.9531, 0.3136, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	C5CEC3
RGB	197, 206, 195
RGB Percent	77%, 81%, 76%
CMY	0.2275, 0.1921, 0.2353
CMYK	0.04, 0.00, 0.05, 0.19
HSL	109°, 10%, 79%
HSV	109°, 5%, 81%
XYZ	54.9424, 59.9531, 60.3035
YIQ	202.0550, -1.8330, -5.3290

Conversions

Conversions Part 2

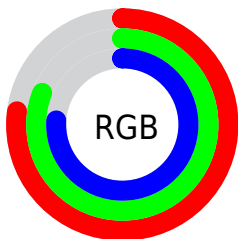
Format	Color
RYB	195, 206, 204
Decimal	12963523
CIELab	81.81, -5.10, 4.40
CIELCh	82, 6.731, 139.201
Yxy	59.9531, 0.3136, 0.3422
Android (android.graphics.Color)	4291153603 (0xFFC5CEC3)
YUV	202.0550, -3.4781, -4.4332
Hunter-Lab	77.4294, -8.8413, 8.0244

Details

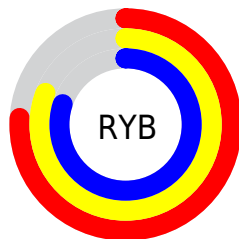
The Yxy color **59.9531, 0.3136, 0.3422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3278, 0.3118, 0.3160**, and the grayscale version is **59.1209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6191, 0.3138, 0.3319**, and **30.2192, 0.3139, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **56.9326, 0.3151, 0.3692**, and if you desaturate by 10%, it is **63.3631, 0.3119, 0.3182**.

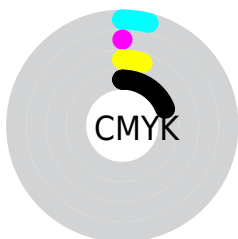
Distribution



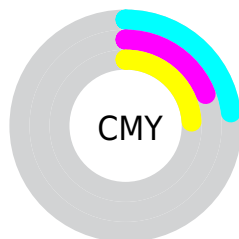
- Red (77%)
- Green (81%)
- Blue (76%)



- Red (76%)
- Yellow (81%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (23%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9531, 0.3136, 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 59.9531, 0.3136, 0.3422 by changing the saturation by 10% instead.

■ 59.9531, 0.3136,
0.3422

■ 59.9531, 0.3136,
0.3422

424.4249, 0.3132,
0.3358

■ 43.3808, 0.3137,
0.3437

104.7616, 0.3135,
0.3399

■ 30.1840, 0.3138,
0.3457

133.7667, 0.3134,
0.3391

■ 19.9783, 0.3139,
0.3482

167.6848, 0.3134,
0.3383

■ 12.3793, 0.3141,
0.3516

206.9003, 0.3133,
0.3377

■ 7.0025, 0.3143,
0.3565

251.7977, 0.3133,
0.3371

■ 3.4637, 0.3145,
0.3640

302.7613, 0.3133,

■ 1.3783, 0.3148,

0.3366

0.3773

360.1756, 0.3132,
0.3362

0.2007, 0.2485,
0.7515

0.0000, 0.0000,
0.0000

59.9531, 0.3136,
0.3422

59.9531, 0.3136,
0.3422

56.9326, 0.3151,
0.3692

63.3631, 0.3119,
0.3182

54.2801, 0.3164,
0.3991

67.1678, 0.3102,
0.2971

51.9839, 0.3172,
0.4314

71.2655, 0.3097,
0.2804

50.0285, 0.3175,
0.4652

72.6285, 0.3150,
0.2811

■ 48.3974, 0.3170,
0.4990

■ 47.0726, 0.3157,
0.5306

■ 46.0343, 0.3134,
0.5578

■ 45.2603, 0.3104,
0.5785

■ 44.7248, 0.3069,
0.5915

Harmonies

Analogous

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



59.9531, 0.3220, 0.3441



59.9531, 0.3136, 0.3422



59.9531, 0.3051, 0.3366

Triad

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



59.9531, 0.3136, 0.3422



59.9531, 0.2977, 0.3161



59.9531, 0.3269, 0.3289

Complementary

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



59.9531, 0.3136, 0.3422



56.3278, 0.3118, 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.



59.9531, 0.3203, 0.3216



59.9531, 0.3136, 0.3422



59.9531, 0.3034, 0.3143

Square

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



59.9531, 0.3136, 0.3422



59.9531, 0.2960, 0.3214



59.9531, 0.3117, 0.3163



59.9531, 0.3297, 0.3363

Rectangle

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



59.9531, 0.3136, 0.3422



59.9531, 0.3005, 0.3316



59.9531, 0.3117, 0.3163



59.9531, 0.3251, 0.3263

Sweetspot

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



59.9557, 0.3136, 0.3422



98.8910, 0.3131, 0.3339



60.2459, 0.3207, 0.3396



21.1784, 0.3130, 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.



59.9557, 0.3136, 0.3422



96.7503, 0.3137, 0.3441



59.8499, 0.3097, 0.3380



12.8210, 0.3138, 0.3454



27.4544, 0.3061, 0.5952



1.4466, 0.3185, 0.5853

Inverse Universe

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



56.3278, 0.3118, 0.3160



90.1060, 0.3116, 0.3142



56.4416, 0.3159, 0.3201



11.8689, 0.3115, 0.3130



7.9753, 0.2762, 0.1295



0.4387, 0.2854, 0.1346

Previews

White Background



This preview shows how the Yxy color 59.9531, 0.3136, 0.3422 looks on a white background.

Color Contrast Check

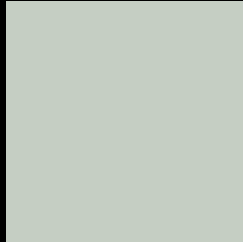
Large Text (above 18pt) WCAG AA × Fail

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 59.9531, 0.3136, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

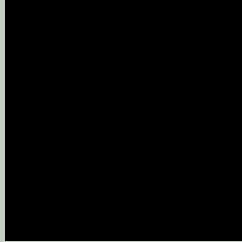
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

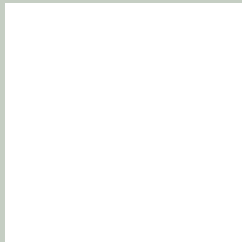
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9531, 0.3136, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 59.9531, 0.3136, 0.3422.



This preview shows how white text looks on a background with the Yxy color 59.9531, 0.3136, 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

59.9531, 0.3136, 0.3422

Protanopia

59.6466, 0.3247, 0.3396

Deuteranopia

59.5186, 0.3354, 0.3279



Tritanopia

59.7730, 0.3001, 0.3093

Trichromacy



Original Color

59.9531, 0.3136, 0.3422

Protanomaly

59.5860, 0.3208, 0.3397

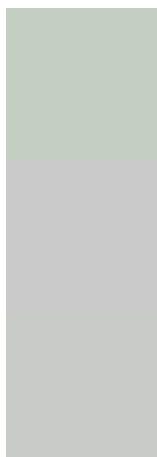
Deuteranomaly

59.7411, 0.3275, 0.3337

Tritanomaly

59.6444, 0.3055, 0.3208

Monochromacy



Original Color

59.9531, 0.3136, 0.3422

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.1148, 0.3133, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9531, 0.3136, 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(197, 206, 195)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 206, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 206, 195) }
```

Border

The CSS property to change the border of an element to Yxy 59.9531, 0.3136, 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(197, 206, 195) }
```

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

```
.border{ border-color:rgb(197, 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(197, 206, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 206, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 206, 195); box-shadow:4px 4px 4px 4px rgb(197, 206, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9531, 0.3136, 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(197, 206, 195) }
```

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

```
.background{ background-color: rgb(197,  
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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