

Converting Colors

$Yxy(59.9456, 0.3035, 0.3246)$

Have a look what the booklet for
Yxy(59.9456, 0.3035, 0.3246)
contains.

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Color

Yxy(60.0019, 0.3032, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	C4CDD1
RGB	196, 205, 209
RGB Percent	77%, 80%, 82%
CMY	0.2312, 0.1961, 0.1803
CMYK	0.06, 0.02, 0.00, 0.18
HSL	199°, 12%, 79%
HSV	199°, 6%, 82%
XYZ	56.1153, 60.0019, 68.9596
YIQ	202.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

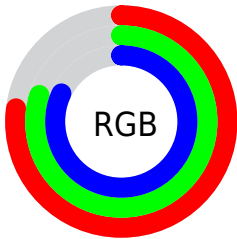
Format	Color
R _Y B	196, 201, 209
Decimal	12897745
CIE Lab	81.84, -2.27, -3.07
CIE LCh	82, 3.813, 233.525
Yxy	60.0019, 0.3032, 0.3242
Android (android.graphics.Color)	4291087825 (0xFFC4CDD1)
YUV	202.7650, 3.0739, -5.9329
Hunter-Lab	77.4609, -6.2451, 1.4397

Details

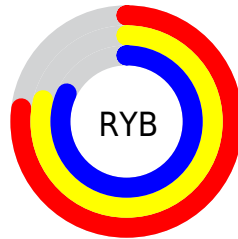
The Yxy color `60.0019, 0.3032, 0.3242` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `58.8903, 0.3227, 0.3338`, and the grayscale version is `59.5554, 0.3127, 0.3290`.

A 20% lighter version of the original color is `99.6226, 0.3115, 0.3290`, and `30.2506, 0.3001, 0.3227` is the 20% darker color. If you saturate the color by 10%, you get `54.3505, 0.2878, 0.3158`, and if you desaturate by 10%, it is `66.1779, 0.3185, 0.3318`.

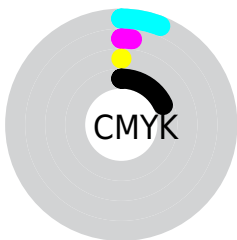
Distribution



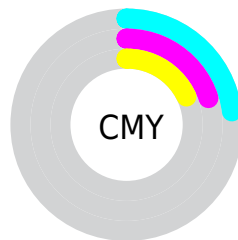
- Red (77%)
- Green (80%)
- Blue (82%)



- Red (77%)
- Yellow (79%)
- Blue (82%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0019, 0.3032, 0.3242 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 60.0019, 0.3032, 0.3242 by changing the saturation by 10% instead.

■ 60.0019, 0.3032,
0.3242

■ 60.0019, 0.3032,
0.3242

424.6048, 0.3078,
0.3265

■ 43.4202, 0.3021,
0.3236

104.8324, 0.3048,
0.3250

■ 30.2149, 0.3008,
0.3229

133.8500, 0.3054,
0.3253

■ 20.0018, 0.2990,
0.3220

167.7817, 0.3060,
0.3256

■ 12.3963, 0.2967,
0.3208

207.0118, 0.3064,
0.3258

■ 7.0142, 0.2934,
0.3191

251.9247, 0.3068,
0.3260

■ 3.4710, 0.2883,
0.3163

302.9050, 0.3072,

■ 1.3823, 0.2797,

0.3262

0.3116

360.3369, 0.3075,
0.3264

■ 0.2036, 0.1777,
0.2618

■ 0.0000, 0.0000,
0.0000

■ 60.0019, 0.3032,
0.3242

■ 60.0019, 0.3032,
0.3242

■ 54.3505, 0.2878,
0.3158

■ 66.1779, 0.3185,
0.3318

■ 49.1984, 0.2726,
0.3066

■ 72.8876, 0.3334,
0.3385

■ 44.5294, 0.2578,
0.2966

■ 79.4307, 0.3451,
0.3447

■ 40.3236, 0.2438,
0.2860

■ 82.9983, 0.3440,
0.3511

■ 36.5591, 0.2309,
0.2748

■ 86.7008, 0.3429,
0.3574

■ 33.2118, 0.2196,
0.2631

■ 90.5395, 0.3418,
0.3637

■ 30.2551, 0.2102,
0.2513

■ 94.5160, 0.3407,
0.3698

■ 27.6577, 0.2027,
0.2394

■ 97.3846, 0.3400,
0.3740

■ 25.3811, 0.1972,
0.2278

Harmonies

Analogous

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



60.0019, 0.3044, 0.3283



60.0019, 0.3032, 0.3242



60.0019, 0.3045, 0.3214

Triad

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



60.0019, 0.3032, 0.3242



60.0019, 0.3177, 0.3254



60.0019, 0.3173, 0.3375

Complementary

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



60.0019, 0.3032, 0.3242



58.8903, 0.3227, 0.3338

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.



60.0019, 0.3210, 0.3366



60.0019, 0.3032, 0.3242



60.0019, 0.3211, 0.3296

Square

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



60.0019, 0.3032, 0.3242



60.0019, 0.3129, 0.3221



60.0019, 0.3223, 0.3337



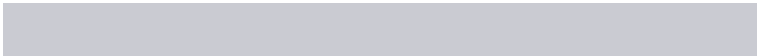
60.0019, 0.3125, 0.3361

Rectangle

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



60.0019, 0.3032, 0.3242



60.0019, 0.3067, 0.3206



60.0019, 0.3223, 0.3337



60.0019, 0.3187, 0.3375

Sweetspot

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



60.0044, 0.3032, 0.3242



98.0387, 0.3096, 0.3275



61.5212, 0.3093, 0.3398



21.0049, 0.3098, 0.3275



0.0000, 0.0000, 0.0000



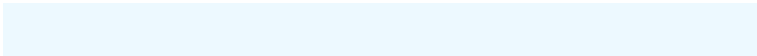
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0044, 0.3032, 0.3242



93.2828, 0.3019, 0.3235



57.0276, 0.3033, 0.3166



13.0008, 0.3012, 0.3231



15.3314, 0.1959, 0.2251



0.9951, 0.2018, 0.2464

Inverse Universe

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



57.4658, 0.3164, 0.3186



88.7832, 0.3169, 0.3171



61.8949, 0.3221, 0.3411



12.3341, 0.3172, 0.3163



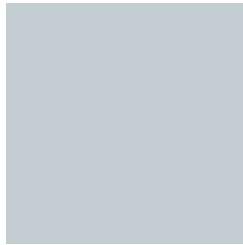
9.6190, 0.4178, 0.2075



0.5517, 0.3958, 0.1954

Previews

White Background



This preview shows how the Yxy color 60.0019, 0.3032, 0.3242 looks on a white background.

Color Contrast Check

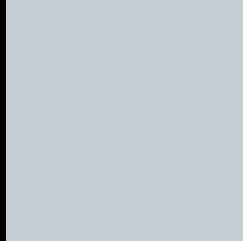
Large Text (above 18pt) WCAG AA × Fail

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 60.0019, 0.3032, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

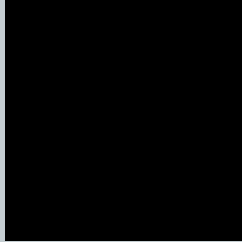
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

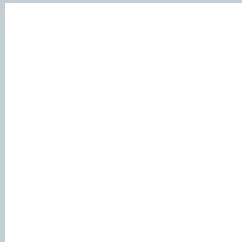
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0019, 0.3032, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 60.0019, 0.3032, 0.3242.

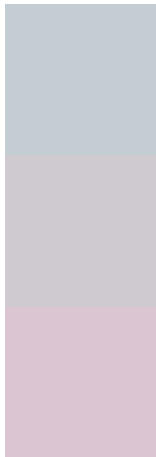


This preview shows how white text looks on a background with the Yxy color 60.0019, 0.3032, 0.3242.

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

60.0019, 0.3032, 0.3242

Protanopia

59.8679, 0.3122, 0.3232

Deuteranopia

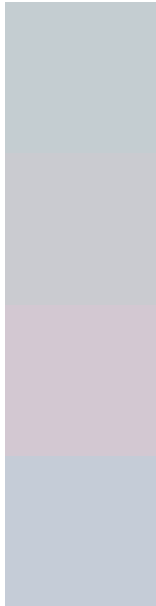
59.8513, 0.3206, 0.3133



Tritanopia

59.8321, 0.2979, 0.3103

Trichromacy



Original Color

60.0019, 0.3032, 0.3242

Protanomaly

59.8225, 0.3084, 0.3231

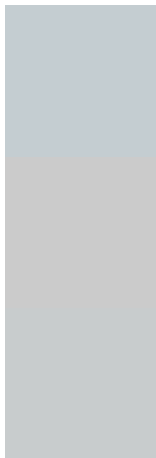
Deuteranomaly

59.8106, 0.3140, 0.3175

Tritanomaly

59.9623, 0.2998, 0.3161

Monochromacy



Original Color

60.0019, 0.3032, 0.3242

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.8729, 0.3090, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0019, 0.3032, 0.3242 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(196, 205, 209)` looks like.

```
.text, #text, p{  
    color:rgb(196, 205, 209)  
}
```

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(196, 205, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 205, 209) }
```

Border

The CSS property to change the border of an element to Yxy 60.0019, 0.3032, 0.3242 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(196, 205, 209) }
```

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

```
.border{ border-color:rgb(196, 205, 209) }
```

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

Here you see how a box with a 4 pixel rgb(196, 205, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 205, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 205, 209);  
box-shadow:4px 4px 4px 4px rgb(196, 205,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0019, 0.3032, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 205, 209) }
```

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

```
.background{ background-color: rgb(196,  
205, 209) }
```

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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