

Converting Colors

$Y_{xy}(36.2090, 0.3518, 0.3150)$

Have a look what the booklet for
Yxy(36.2090, 0.3518, 0.3150)
contains.

| | |
|--|----|
| Yxy(36.3565, 0.3524, 0.3160) | 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(36.3565, 0.3524, 0.3160)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C696A0 |
| RGB | 198, 150, 160 |
| RGB Percent | 78%, 59%, 63% |
| CMY | 0.2235, 0.4118, 0.3724 |
| CMYK | 0.00, 0.24, 0.19, 0.22 |
| HSL | 347°, 30%, 68% |
| HSV | 347°, 24%, 78% |
| XYZ | 40.5444, 36.3565, 38.1513 |
| YIQ | 165.4920, 25.3980, 13.2860 |

Conversions

Conversions Part 2

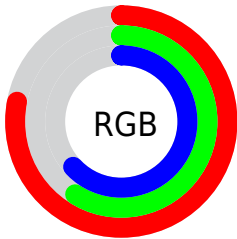
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 198, 150, 160 |
| Decimal | 13014688 |
| CIE _{Lab} | 66.79, 19.53, 1.75 |
| CIE _{LCh} | 67, 19.605, 5.109 |
| Yxy | 36.3565, 0.3524, 0.3160 |
| Android (android.graphics.Color) | 4291204768 (0xFFC696A0) |
| YUV | 165.4920, -2.7076, 28.5095 |
| Hunter-Lab | 60.2964, 14.5081, 4.6929 |

Details

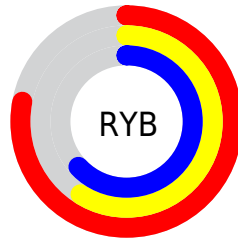
The Yxy color **36.3565, 0.3524, 0.3160** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.5073, 0.2838, 0.3425**, and the grayscale version is **37.8814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3520, 0.3442, 0.3179**, and **15.8674, 0.3639, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **30.0496, 0.3755, 0.3103**, and if you desaturate by 10%, it is **43.8036, 0.3336, 0.3216**.

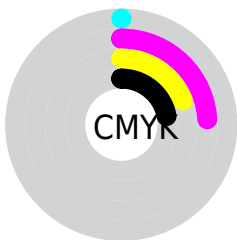
Distribution



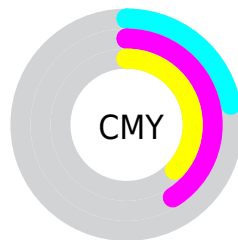
- Red (78%)
- Green (59%)
- Blue (63%)



- Red (78%)
- Yellow (59%)
- Blue (63%)



- Cyan (0%)
- Magenta (24%)
- Yellow (19%)
- Black (22%)




- Cyan (22%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3565, 0.3524, 0.3160 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 36.3565, 0.3524, 0.3160 by changing the saturation by 10% instead.


 36.3565, 0.3524,
0.3160


 36.3565, 0.3524,
0.3160


330.5161, 0.3317,
0.3229

 24.7097, 0.3579,
0.3141


 69.5820, 0.3446,
0.3186

 15.8609, 0.3651,
0.3117


 91.9294, 0.3418,
0.3195

 9.4258, 0.3751,
0.3082


118.6124, 0.3394,
0.3203

 5.0199, 0.3897,
0.3031

150.0155, 0.3374,
0.3210

 2.2590, 0.4131,
0.2948

186.5230, 0.3357,
0.3216

 0.7519, 0.4616,
0.2795

228.5193, 0.3342,

 0.0000, 1.0000,

0.3221

0.0000

276.3889, 0.3328,
0.3225

0.0000, 0.0000,
0.0000

36.3565, 0.3524,
0.3160

36.3565, 0.3524,
0.3160

30.0496, 0.3755,
0.3103

43.8036, 0.3336,
0.3216

24.8216, 0.4036,
0.3049

52.4382, 0.3183,
0.3269

20.6133, 0.4369,
0.3004

62.3111, 0.3059,
0.3318

17.3575, 0.4748,
0.2974

73.4684, 0.2959,
0.3363

14.9790, 0.5155,
0.2971

85.9540, 0.2877,
0.3404

■ 13.3912, 0.5554,
0.3002

■ 90.6839, 0.2799,
0.3299

■ 12.4893, 0.5897,
0.3069

■ 90.7474, 0.2794,
0.3289

■ 12.1701, 0.6061,
0.3112

Harmonies

Analogous

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



36.3565, 0.3246, 0.2951



36.3565, 0.3524, 0.3160



36.3565, 0.3695, 0.3407

Triad

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



36.3565, 0.3524, 0.3160



36.3565, 0.3289, 0.3810



36.3565, 0.2580, 0.2912

Complementary

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



36.3565, 0.3524, 0.3160



50.5073, 0.2838, 0.3425

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.



36.3565, 0.2591, 0.3129



36.3565, 0.3524, 0.3160



36.3565, 0.2991, 0.3668

Square

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



36.3565, 0.3524, 0.3160



36.3565, 0.3552, 0.3792



36.3565, 0.2738, 0.3411



36.3565, 0.2706, 0.2806

Rectangle

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



36.3565, 0.3524, 0.3160



36.3565, 0.3720, 0.3567



36.3565, 0.2738, 0.3411



36.3565, 0.2568, 0.2973

Sweetspot

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



36.3582, 0.3524, 0.3160



88.2590, 0.3223, 0.3254



36.5312, 0.3057, 0.2675



18.6854, 0.3232, 0.3251



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.



36.3582, 0.3524, 0.3160



58.3365, 0.3638, 0.3131



40.6176, 0.3587, 0.3469



10.6726, 0.3257, 0.3242



7.9237, 0.6030, 0.3096



0.3860, 0.5442, 0.2772

Inverse Universe

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



36.3582, 0.3524, 0.3160



58.3365, 0.3638, 0.3131



45.0121, 0.2758, 0.3104



10.6726, 0.3257, 0.3242



7.9237, 0.6030, 0.3096



0.3860, 0.5442, 0.2772

Previews

White Background



This preview shows how the Yxy color 36.3565, 0.3524, 0.3160 looks on a white background.

Color Contrast Check

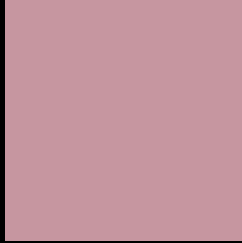
Large Text (above 18pt) WCAG AA × Fail

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 36.3565, 0.3524, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

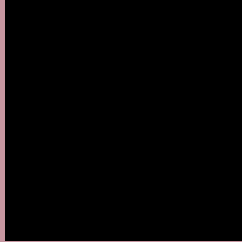
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3565, 0.3524, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 36.3565, 0.3524, 0.3160.



This preview shows how white text looks on a background with the Yxy color 36.3565, 0.3524, 0.3160.

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

36.3565, 0.3524, 0.3160

Protanopia

36.5232, 0.3102, 0.3218

Deuteranopia

36.3204, 0.3336, 0.3263



Tritanopia

36.3917, 0.3514, 0.3147

Trichromacy



Original Color

36.3565, 0.3524, 0.3160

Protanomaly

36.3642, 0.3248, 0.3207

Deuteranomaly

36.1792, 0.3413, 0.3223

Tritanomaly

36.3917, 0.3514, 0.3147

Monochromacy



Original Color

36.3565, 0.3524, 0.3160

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.1331, 0.3265, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3565, 0.3524, 0.3160 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(198, 150, 160)` looks like.

```
.text, #text, p{  
    color:rgb(198, 150, 160)  
}
```

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(198, 150, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 150, 160) }
```

Border

The CSS property to change the border of an element to Yxy 36.3565, 0.3524, 0.3160 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(198, 150, 160) }
```

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

```
.border{ border-color:rgb(198, 150, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 150, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 150, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 150, 160);  
box-shadow:4px 4px 4px 4px rgb(198, 150,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3565, 0.3524, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 150, 160) }
```

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

```
.background{ background-color: rgb(198,  
150, 160) }
```

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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