

Converting Colors

$Yxy(36.6267, 0.3524, 0.3265)$

Have a look what the booklet for
Yxy(36.6267, 0.3524, 0.3265)
contains.

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Color

Yxy(36.6184, 0.3526, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C2999B
RGB	194, 153, 155
RGB Percent	76%, 60%, 61%
CMY	0.2394, 0.3999, 0.3922
CMYK	0.00, 0.21, 0.20, 0.24
HSL	357°, 25%, 68%
HSV	357°, 21%, 76%
XYZ	39.5456, 36.6184, 35.9903
YIQ	165.4870, 23.7940, 9.3140

Conversions

Conversions Part 2

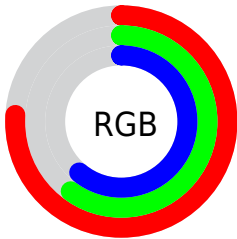
Format	Color
RYB	194, 153, 155
Decimal	12753307
CIELab	66.99, 15.56, 4.80
CIElCh	67, 16.280, 17.154
Yxy	36.6184, 0.3526, 0.3265
Android (android.graphics.Color)	4290943387 (0xFFC2999B)
YUV	165.4870, -5.1701, 25.0059
Hunter-Lab	60.5131, 10.7526, 7.0963

Details

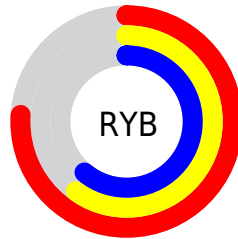
The Yxy color **36.6184, 0.3526, 0.3265** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1413, 0.2829, 0.3316**, and the grayscale version is **37.8889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7383, 0.3452, 0.3270**, and **16.0777, 0.3658, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **30.2038, 0.3790, 0.3253**, and if you desaturate by 10%, it is **44.1632, 0.3314, 0.3277**.

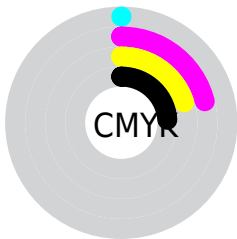
Distribution



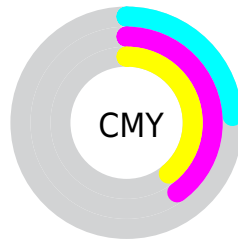
- Red (76%)
- Green (60%)
- Blue (61%)



- Red (76%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (21%)
- Yellow (20%)
- Black (24%)





- Cyan (24%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6184, 0.3526, 0.3265 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 36.6184, 0.3526, 0.3265 by changing the saturation by 10% instead.


 36.6184, 0.3526,
0.3265


 36.6184, 0.3526,
0.3265


331.6554, 0.3317,
0.3281

 24.9122, 0.3581,
0.3260


 69.9855, 0.3448,
0.3271

 16.0116, 0.3654,
0.3253


 92.4151, 0.3419,
0.3274

 9.5324, 0.3755,
0.3242


119.1881, 0.3395,
0.3275

 5.0900, 0.3903,
0.3225

150.6886, 0.3375,
0.3277

 2.3002, 0.4142,
0.3191

187.3013, 0.3357,
0.3278

 0.7738, 0.4722,
0.3189

229.4104, 0.3342,

 0.0000, 1.0000,

0.3279

0.0000

277.4003, 0.3329,
0.3280

0.0000, 0.0000,
0.0000

36.6184, 0.3526,
0.3265

36.6184, 0.3526,
0.3265

30.2038, 0.3790,
0.3253

44.1632, 0.3314,
0.3277

24.8603, 0.4113,
0.3241

52.8835, 0.3144,
0.3289

20.5310, 0.4500,
0.3231

62.8285, 0.3007,
0.3299

17.1518, 0.4942,
0.3226

74.0429, 0.2897,
0.3309

14.6513, 0.5408,
0.3228

86.5692, 0.2808,
0.3318

■ 12.9480, 0.5841,
0.3240

■ 90.2027, 0.2773,
0.3289

■ 11.9453, 0.6174,
0.3260

■ 11.4832, 0.6353,
0.3274

Harmonies

Analogous

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



36.6184, 0.3325, 0.3071



36.6184, 0.3526, 0.3265



36.6184, 0.3616, 0.3472

Triad

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



36.6184, 0.3526, 0.3265



36.6184, 0.3164, 0.3685



36.6184, 0.2700, 0.2928

Complementary

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



36.6184, 0.3526, 0.3265



49.1413, 0.2829, 0.3316

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.



36.6184, 0.2662, 0.3077



36.6184, 0.3526, 0.3265



36.6184, 0.2923, 0.3524

Square

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



36.6184, 0.3526, 0.3265



36.6184, 0.3401, 0.3726



36.6184, 0.2742, 0.3296



36.6184, 0.2848, 0.2879

Rectangle

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



36.6184, 0.3526, 0.3265



36.6184, 0.3600, 0.3594



36.6184, 0.2742, 0.3296



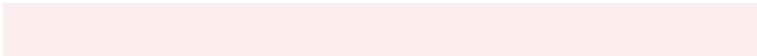
36.6184, 0.2674, 0.2968

Sweetspot

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



36.6201, 0.3526, 0.3265



87.6984, 0.3224, 0.3283



37.8778, 0.3132, 0.2769



18.9752, 0.3235, 0.3282



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.



36.6201, 0.3526, 0.3265



61.1423, 0.3632, 0.3260



43.0566, 0.3497, 0.3532



10.0856, 0.3282, 0.3279



7.5577, 0.6341, 0.3267



0.3293, 0.6128, 0.3150

Inverse Universe

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



36.6201, 0.3526, 0.3265



61.1423, 0.3632, 0.3260



41.5360, 0.2799, 0.3035



10.0856, 0.3282, 0.3279



7.5577, 0.6341, 0.3267



0.3293, 0.6128, 0.3150

Previews

White Background



This preview shows how the Yxy color 36.6184, 0.3526, 0.3265 looks on a white background.

Color Contrast Check

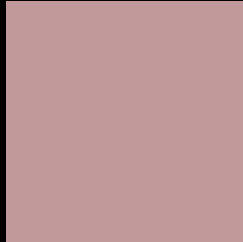
Large Text (above 18pt) WCAG AA × Fail

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 36.6184, 0.3526, 0.3265 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 36.6184, 0.3526, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 36.6184, 0.3526, 0.3265.



This preview shows how white text looks on a background with the Yxy color 36.6184, 0.3526, 0.3265.

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

36.6184, 0.3526, 0.3265

Protanopia

36.9479, 0.3192, 0.3333

Deuteranopia

36.7319, 0.3402, 0.3346



Tritanopia

36.7029, 0.3458, 0.3146

Trichromacy



Original Color

36.6184, 0.3526, 0.3265

Protanomaly

36.6120, 0.3313, 0.3305

Deuteranomaly

36.5491, 0.3447, 0.3318

Tritanomaly

36.5966, 0.3489, 0.3186

Monochromacy



Original Color

36.6184, 0.3526, 0.3265

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2931, 0.3272, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6184, 0.3526, 0.3265 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(194, 153, 155)` looks like.

```
.text, #text, p{  
    color:rgb(194, 153, 155)  
}
```

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(194, 153, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 153, 155) }
```

Border

The CSS property to change the border of an element to Yxy 36.6184, 0.3526, 0.3265 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(194, 153, 155) }
```

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

```
.border{ border-color:rgb(194, 153, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 153, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 153, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 153, 155);  
box-shadow:4px 4px 4px 4px rgb(194, 153,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6184, 0.3526, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 153, 155) }
```

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

```
.background{ background-color: rgb(194,  
153, 155) }
```

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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