

Converting Colors

$Yxy(37.5061, 0.3663, 0.3230)$

Have a look what the booklet for
Yxy(37.5061, 0.3663, 0.3230)
contains.

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Color

Yxy(37.4446, 0.3669, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	CF969B
RGB	207, 150, 155
RGB Percent	81%, 59%, 61%
CMY	0.1881, 0.4118, 0.3922
CMYK	0.00, 0.28, 0.25, 0.19
HSL	355°, 37%, 70%
HSV	355°, 28%, 81%
XYZ	42.5602, 37.4446, 35.9946
YIQ	167.6130, 32.3670, 13.6390

Conversions

Conversions Part 2

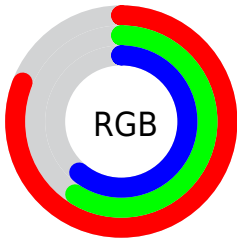
Format	Color
R _Y B	207, 150, 155
Decimal	13604507
CIE Lab	67.61, 22.14, 5.86
CIE LCh	68, 22.902, 14.836
Yxy	37.4446, 0.3669, 0.3228
Android (android.graphics.Color)	4291794587 (0xFFCF969B)
YUV	167.6130, -6.2182, 34.5424
Hunter-Lab	61.1920, 17.0641, 7.9586

Details

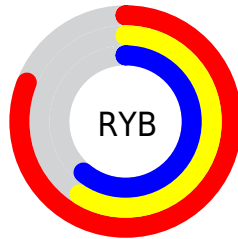
The Yxy color **37.4446, 0.3669, 0.3228** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.3869, 0.2759, 0.3354**, and the grayscale version is **38.9789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0492, 0.3488, 0.3240**, and **16.5025, 0.3832, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **30.8273, 0.3959, 0.3205**, and if you desaturate by 10%, it is **45.3318, 0.3434, 0.3251**.

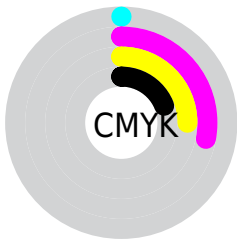
Distribution



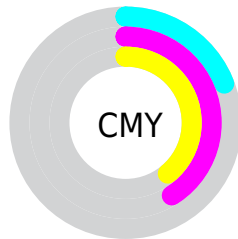
- Red (81%)
- Green (59%)
- Blue (61%)



- Red (81%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (28%)
- Yellow (25%)
- Black (19%)




- Cyan (19%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4446, 0.3669, 0.3228 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 37.4446, 0.3669, 0.3228 by changing the saturation by 10% instead.


 37.4446, 0.3669,
0.3228


 37.4446, 0.3669,
0.3228


335.2314, 0.3386,
0.3264

 25.5519, 0.3744,
0.3217


 71.2561, 0.3563,
0.3243

 16.4887, 0.3842,
0.3202


 93.9436, 0.3525,
0.3248

 9.8706, 0.3977,
0.3180


120.9982, 0.3492,
0.3252

 5.3133, 0.4173,
0.3144

152.8044, 0.3465,
0.3255

 2.4322, 0.4485,
0.3080

189.7463, 0.3441,
0.3258

 0.8424, 0.5173,
0.3013

232.2086, 0.3420,

 0.0000, 1.0000,

0.3260

0.0000

280.5755, 0.3402,
0.3262

0.0000, 0.0000,
0.0000

37.4446, 0.3669,
0.3228

37.4446, 0.3669,
0.3228

30.8273, 0.3959,
0.3205

45.3318, 0.3434,
0.3251

25.4086, 0.4310,
0.3184

54.5449, 0.3245,
0.3274

21.1182, 0.4719,
0.3170

65.1429, 0.3093,
0.3295

17.8765, 0.5169,
0.3166

77.1796, 0.2971,
0.3314

15.5933, 0.5618,
0.3178

90.7061, 0.2872,
0.3332

■ 14.1631, 0.6002,
0.3206

■ 92.0092, 0.2844,
0.3289

■ 13.4404, 0.6265,
0.3245

■ 13.3134, 0.6312,
0.3251

Harmonies

Analogous

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



37.4446, 0.3375, 0.2970



37.4446, 0.3669, 0.3228



37.4446, 0.3810, 0.3512

Triad

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



37.4446, 0.3669, 0.3228



37.4446, 0.3199, 0.3862



37.4446, 0.2529, 0.2798

Complementary

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



37.4446, 0.3669, 0.3228



55.3869, 0.2759, 0.3354

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.



37.4446, 0.2489, 0.3008



37.4446, 0.3669, 0.3228



37.4446, 0.2864, 0.3643

Square

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



37.4446, 0.3669, 0.3228



37.4446, 0.3527, 0.3899



37.4446, 0.2608, 0.3319



37.4446, 0.2719, 0.2725

Rectangle

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



37.4446, 0.3669, 0.3228



37.4446, 0.3795, 0.3686



37.4446, 0.2608, 0.3319



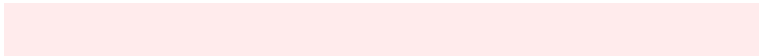
37.4446, 0.2498, 0.2853

Sweetspot

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



37.4463, 0.3669, 0.3228



86.5268, 0.3254, 0.3273



38.7792, 0.3106, 0.2599



18.0130, 0.3281, 0.3269



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.



37.4463, 0.3669, 0.3228



53.5531, 0.3831, 0.3214



45.2839, 0.3646, 0.3577



11.8249, 0.3277, 0.3270



8.3917, 0.6294, 0.3241



0.4752, 0.5986, 0.3071

Inverse Universe

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



37.4463, 0.3669, 0.3228



53.5531, 0.3831, 0.3214



45.3592, 0.2699, 0.2984



11.8249, 0.3277, 0.3270



8.3917, 0.6294, 0.3241



0.4752, 0.5986, 0.3071

Previews

White Background



This preview shows how the Yxy color 37.4446, 0.3669, 0.3228 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 37.4446, 0.3669, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

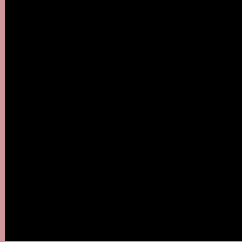
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4446, 0.3669, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 37.4446, 0.3669, 0.3228.



This preview shows how white text looks on a background with the Yxy color 37.4446, 0.3669, 0.3228.

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

37.4446, 0.3669, 0.3228

Protanopia

37.5201, 0.3174, 0.3304

Deuteranopia

37.4105, 0.3440, 0.3373



Tritanopia

37.4780, 0.3619, 0.3140

Trichromacy



Original Color

37.4446, 0.3669, 0.3228

Protanomaly

37.2794, 0.3343, 0.3277

Deuteranomaly

37.4475, 0.3519, 0.3318

Tritanomaly

37.4080, 0.3640, 0.3165

Monochromacy



Original Color

37.4446, 0.3669, 0.3228

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.0792, 0.3312, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4446, 0.3669, 0.3228 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(207, 150, 155)` looks like.

```
.text, #text, p{  
    color:rgb(207, 150, 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(207, 150, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 150, 155) }
```

Border

The CSS property to change the border of an element to Yxy 37.4446, 0.3669, 0.3228 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(207, 150, 155) }
```

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

```
.border{ border-color:rgb(207, 150, 155) }
```

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

Here you see how a box with a 4 pixel rgb(207, 150, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 150, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 150, 155);  
box-shadow:4px 4px 4px 4px rgb(207, 150,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4446, 0.3669, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 150, 155) }
```

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

```
.background{ background-color: rgb(207,  
150, 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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