

Converting Colors

$Yxy(37.3382, 0.3556, 0.2955)$

Have a look what the booklet for
Yxy(37.3382, 0.3556, 0.2955)
contains.

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Color

Yxy(37.3755, 0.3565, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	D591AC
RGB	213, 145, 172
RGB Percent	84%, 57%, 67%
CMY	0.1647, 0.4314, 0.3254
CMYK	0.00, 0.32, 0.19, 0.16
HSL	336°, 45%, 70%
HSV	336°, 32%, 84%
XYZ	45.0147, 37.3755, 43.8783
YIQ	168.4100, 31.8610, 22.8130

Conversions

Conversions Part 2

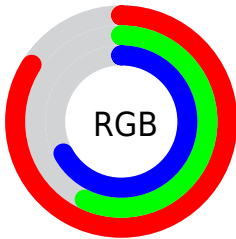
Format	Color
R _Y B	213, 145, 172
Decimal	13996460
CIE Lab	67.56, 29.58, -3.66
CIE LCh	68, 29.803, 352.942
Yxy	37.3755, 0.3565, 0.2960
Android (android.graphics.Color)	4292186540 (0xFFD591AC)
YUV	168.4100, 1.7699, 39.1054
Hunter-Lab	61.1355, 24.4444, 0.2411

Details

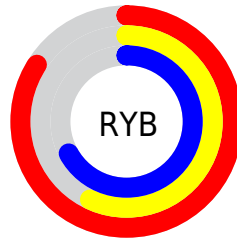
The Yxy color **37.3755, 0.3565, 0.2960** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.1565, 0.2830, 0.3649**, and the grayscale version is **39.3506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1146, 0.3357, 0.3018**, and **16.5296, 0.3693, 0.2867** is the 20% darker color. If you saturate the color by 10%, you get **30.9966, 0.3765, 0.2854**, and if you desaturate by 10%, it is **45.0259, 0.3398, 0.3068**.

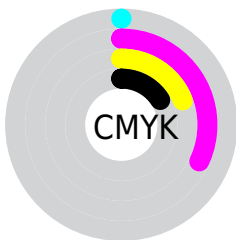
Distribution



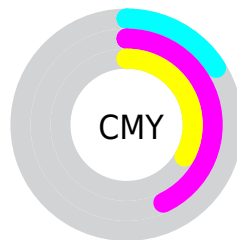
- Red (84%)
- Green (57%)
- Blue (67%)



- Red (84%)
- Yellow (57%)
- Blue (67%)



- Cyan (0%)
- Magenta (32%)
- Yellow (19%)
- Black (16%)





- Cyan (16%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3755, 0.3565, 0.2960 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 37.3755, 0.3565, 0.2960 by changing the saturation by 10% instead.


 37.3755, 0.3565,
0.2960


 37.3755, 0.3565,
0.2960


334.9334, 0.3340,
0.3128

 25.4984, 0.3623,
0.2917


 71.1499, 0.3482,
0.3022

 16.4487, 0.3699,
0.2862


 93.8160, 0.3451,
0.3045

 9.8422, 0.3803,
0.2787


120.8472, 0.3425,
0.3064

 5.2945, 0.3952,
0.2681

152.6279, 0.3403,
0.3080

 2.4211, 0.4184,
0.2519

189.5424, 0.3384,
0.3095

 0.8367, 0.4593,
0.2242

231.9753, 0.3367,

 0.0000, 1.0000,

0.3107

0.0000

280.3108, 0.3353,
0.3118

0.0000, 0.0000,
0.0000

37.3755, 0.3565,
0.2960

37.3755, 0.3565,
0.2960

30.9966, 0.3765,
0.2854

45.0259, 0.3398,
0.3068

25.8143, 0.4001,
0.2758

54.0068, 0.3260,
0.3172

21.7539, 0.4271,
0.2680

64.3800, 0.3147,
0.3272

18.7298, 0.4569,
0.2635

76.2018, 0.3054,
0.3364

16.6442, 0.4880,
0.2633

89.5252, 0.2977,
0.3450

■ 15.3800, 0.5184,
0.2683

■ 92.5099, 0.2909,
0.3351

■ 14.7969, 0.5413,
0.2755

■ 92.8871, 0.2877,
0.3289

Harmonies

Analogous

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



37.3755, 0.3112, 0.2702



37.3755, 0.3565, 0.2960



37.3755, 0.3909, 0.3299

Triad

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



37.3755, 0.3565, 0.2960



37.3755, 0.3532, 0.4100



37.3755, 0.2305, 0.2827

Complementary

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



37.3755, 0.3565, 0.2960



57.1565, 0.2830, 0.3649

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.



37.3755, 0.2399, 0.3202



37.3755, 0.3565, 0.2960



37.3755, 0.3092, 0.3993

Square

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



37.3755, 0.3565, 0.2960



37.3755, 0.3878, 0.3958



37.3755, 0.2680, 0.3646



37.3755, 0.2408, 0.2612

Rectangle

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



37.3755, 0.3565, 0.2960



37.3755, 0.4015, 0.3541



37.3755, 0.2680, 0.3646



37.3755, 0.2314, 0.2937

Sweetspot

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



37.3772, 0.3565, 0.2960



83.8450, 0.3238, 0.3191



35.4700, 0.2912, 0.2440



17.4977, 0.3255, 0.3176



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.



37.3772, 0.3565, 0.2960



49.7604, 0.3690, 0.2891



38.5835, 0.3829, 0.3377



12.5017, 0.3229, 0.3198



9.0568, 0.5375, 0.2735



0.5624, 0.4917, 0.2482

Inverse Universe

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



37.3772, 0.3565, 0.2960



49.7604, 0.3690, 0.2891



55.0661, 0.2663, 0.3201



12.5017, 0.3229, 0.3198



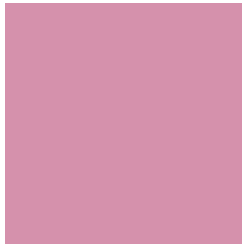
9.0568, 0.5375, 0.2735



0.5624, 0.4917, 0.2482

Previews

White Background



This preview shows how the Yxy color 37.3755, 0.3565, 0.2960 looks on a white background.

Color Contrast Check

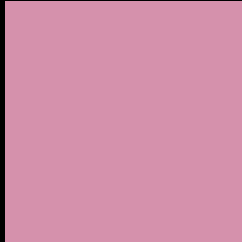
Large Text (above 18pt) WCAG AA × Fail

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 37.3755, 0.3565, 0.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

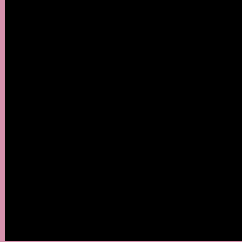
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3755, 0.3565, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 37.3755, 0.3565, 0.2960.



This preview shows how white text looks on a background with the Yxy color 37.3755, 0.3565, 0.2960.

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

37.3755, 0.3565, 0.2960

Protanopia

37.6930, 0.2941, 0.3011

Deuteranopia

37.5899, 0.3229, 0.3167



Tritanopia

37.2195, 0.3677, 0.3142

Trichromacy



Original Color

37.3755, 0.3565, 0.2960

Protanomaly

37.2330, 0.3151, 0.2982

Deuteranomaly

37.4213, 0.3344, 0.3093

Tritanomaly

37.2352, 0.3637, 0.3068

Monochromacy



Original Color

37.3755, 0.3565, 0.2960

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.1965, 0.3277, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3755, 0.3565, 0.2960 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(213, 145, 172)` looks like.

```
.text, #text, p{  
    color:rgb(213, 145, 172)  
}
```

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(213, 145, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 145, 172) }
```

Border

The CSS property to change the border of an element to Yxy 37.3755, 0.3565, 0.2960 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(213, 145, 172) }
```

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

```
.border{ border-color:rgb(213, 145, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 145, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 145, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 145, 172);  
box-shadow:4px 4px 4px 4px rgb(213, 145,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3755, 0.3565, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 145, 172) }
```

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

```
.background{ background-color: rgb(213,  
145, 172) }
```

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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