

Converting Colors

$Yxy(36.7894, 0.3765, 0.3263)$

Have a look what the booklet for
Yxy(36.7894, 0.3765, 0.3263)
contains.

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Color

Yxy(36.7711, 0.3763, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	D29396
RGB	210, 147, 150
RGB Percent	82%, 58%, 59%
CMY	0.1764, 0.4236, 0.4118
CMYK	0.00, 0.30, 0.29, 0.18
HSL	357°, 41%, 70%
HSV	357°, 30%, 82%
XYZ	42.5229, 36.7711, 33.7087
YIQ	166.1790, 36.5850, 14.2890

Conversions

Conversions Part 2

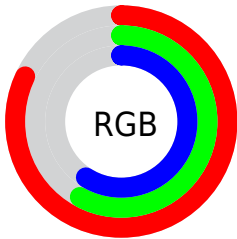
Format	Color
R _Y B	210, 147, 150
Decimal	13800342
CIE Lab	67.10, 24.20, 7.99
CIE LCh	67, 25.485, 18.263
Yxy	36.7711, 0.3763, 0.3254
Android (android.graphics.Color)	4291990422 (0xFFD29396)
YUV	166.1790, -7.9762, 38.4310
Hunter-Lab	60.6392, 19.0537, 9.4887

Details

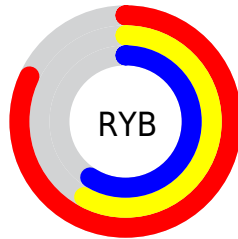
The Yxy color **36.7711, 0.3763, 0.3254** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.8161, 0.2715, 0.3328**, and the grayscale version is **38.2516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3929, 0.3533, 0.3260**, and **16.1366, 0.3970, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **30.2365, 0.4083, 0.3242**, and if you desaturate by 10%, it is **44.6116, 0.3503, 0.3266**.

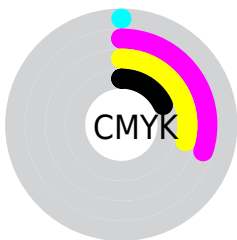
Distribution



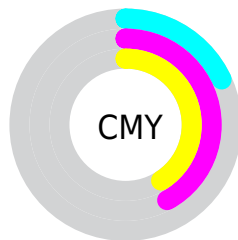
- Red (82%)
- Green (58%)
- Blue (59%)



- Red (82%)
- Yellow (58%)
- Blue (59%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7711, 0.3763, 0.3254 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 36.7711, 0.3763, 0.3254 by changing the saturation by 10% instead.


 36.7711, 0.3763,
0.3254


 36.7711, 0.3763,
0.3254


332.3184, 0.3430,
0.3279

 25.0303, 0.3851,
0.3245


 70.2206, 0.3638,
0.3265

 16.0996, 0.3968,
0.3232


 92.6981, 0.3592,
0.3268

 9.5947, 0.4128,
0.3212


119.5233, 0.3554,
0.3271

 5.1311, 0.4362,
0.3178

151.0806, 0.3522,
0.3273

 2.3244, 0.4732,
0.3112

187.7543, 0.3494,
0.3275

 0.7866, 0.5708,
0.3113

229.9290, 0.3470,

 0.0000, 1.0000,

0.3277

0.0000

277.9889, 0.3449,
0.3278

■ 0.0000, 0.0000,
0.0000

■ 36.7711, 0.3763,
0.3254

■ 36.7711, 0.3763,
0.3254

■ 30.2365, 0.4083,
0.3242

■ 44.6116, 0.3503,
0.3266

■ 24.9319, 0.4467,
0.3232

■ 53.8180, 0.3294,
0.3279

■ 20.7820, 0.4907,
0.3227

■ 64.4528, 0.3127,
0.3290

■ 17.7008, 0.5375,
0.3229

■ 76.5733, 0.2993,
0.3300

■ 15.5904, 0.5815,
0.3239

■ 90.2335, 0.2885,
0.3310

■ 14.3350, 0.6158,
0.3259

■ 92.4459, 0.2861,
0.3289

■ 13.7279, 0.6358,
0.3276

Harmonies

Analogous

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



36.7711, 0.3447, 0.2963



36.7711, 0.3763, 0.3254



36.7711, 0.3897, 0.3568

Triad

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



36.7711, 0.3763, 0.3254



36.7711, 0.3161, 0.3917



36.7711, 0.2477, 0.2723

Complementary

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



36.7711, 0.3763, 0.3254



56.8161, 0.2715, 0.3328

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.



36.7711, 0.2414, 0.2938



36.7711, 0.3763, 0.3254



36.7711, 0.2793, 0.3649

Square

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



36.7711, 0.3763, 0.3254



36.7711, 0.3534, 0.3979



36.7711, 0.2525, 0.3277



36.7711, 0.2705, 0.2664

Rectangle

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



36.7711, 0.3763, 0.3254



36.7711, 0.3862, 0.3758



36.7711, 0.2525, 0.3277



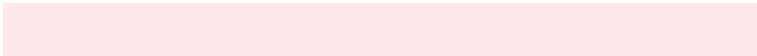
36.7711, 0.2437, 0.2778

Sweetspot

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



36.7728, 0.3763, 0.3254



84.8928, 0.3278, 0.3280



38.7673, 0.3132, 0.2542



17.6852, 0.3305, 0.3278



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.



36.7728, 0.3763, 0.3254



50.3368, 0.3960, 0.3246



46.6121, 0.3692, 0.3642



11.8172, 0.3283, 0.3279



8.3754, 0.6345, 0.3269



0.4716, 0.6167, 0.3171

Inverse Universe

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



36.7728, 0.3763, 0.3254



50.3368, 0.3960, 0.3246



44.1748, 0.2655, 0.2908



11.8172, 0.3283, 0.3279



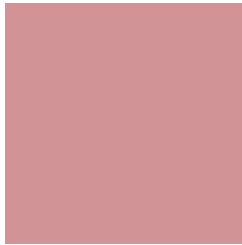
8.3754, 0.6345, 0.3269



0.4716, 0.6167, 0.3171

Previews

White Background



This preview shows how the Yxy color 36.7711, 0.3763, 0.3254 looks on a white background.

Color Contrast Check

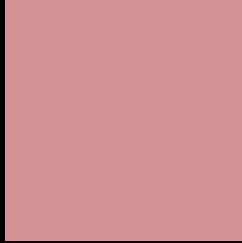
Large Text (above 18pt) WCAG AA × Fail

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 36.7711, 0.3763, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

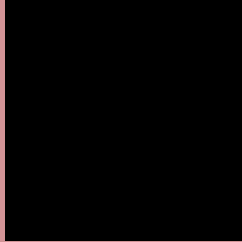
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7711, 0.3763, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 36.7711, 0.3763, 0.3254.



This preview shows how white text looks on a background with the Yxy color 36.7711, 0.3763, 0.3254.

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

36.7711, 0.3763, 0.3254

Protanopia

37.0224, 0.3210, 0.3347

Deuteranopia

36.9061, 0.3491, 0.3428



Tritanopia

36.8410, 0.3701, 0.3154

Trichromacy



Original Color

36.7711, 0.3763, 0.3254

Protanomaly

36.5815, 0.3395, 0.3305

Deuteranomaly

36.7505, 0.3585, 0.3358

Tritanomaly

36.7397, 0.3733, 0.3192

Monochromacy



Original Color

36.7711, 0.3763, 0.3254

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.2794, 0.3343, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7711, 0.3763, 0.3254 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(210, 147, 150)` looks like.

```
.text, #text, p{  
    color:rgb(210, 147, 150)  
}
```

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(210, 147, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 147, 150) }
```

Border

The CSS property to change the border of an element to Yxy 36.7711, 0.3763, 0.3254 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(210, 147, 150) }
```

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

```
.border{ border-color:rgb(210, 147, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 147, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 147, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 147, 150);  
box-shadow:4px 4px 4px 4px rgb(210, 147,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7711, 0.3763, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 147, 150) }
```

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

```
.background{ background-color: rgb(210,  
147, 150) }
```

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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