

Converting Colors

$Yxy(36.5657, 0.3780, 0.3237)$

Have a look what the booklet for
Yxy(36.5657, 0.3780, 0.3237)
contains.

Yxy(36.6087, 0.3777, 0.3242)	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(36.6087, 0.3777, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	D39296
RGB	211, 146, 150
RGB Percent	83%, 57%, 59%
CMY	0.1725, 0.4275, 0.4119
CMYK	0.00, 0.31, 0.29, 0.17
HSL	356°, 43%, 70%
HSV	356°, 31%, 83%
XYZ	42.6499, 36.6087, 33.6615
YIQ	165.8910, 37.4560, 15.0240

Conversions

Conversions Part 2

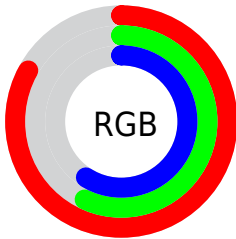
Format	Color
R _Y B	211, 146, 150
Decimal	13865622
CIE Lab	66.98, 25.11, 7.84
CIE LCh	67, 26.305, 17.337
Yxy	36.6087, 0.3777, 0.3242
Android (android.graphics.Color)	4292055702 (0xFFD39296)
YUV	165.8910, -7.8343, 39.5606
Hunter-Lab	60.5051, 19.9403, 9.3681

Details

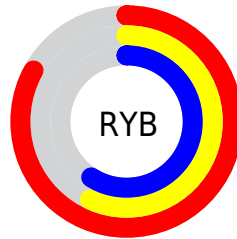
The Yxy color **36.6087, 0.3777, 0.3242** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.2154, 0.2710, 0.3340**, and the grayscale version is **38.1034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9282, 0.3535, 0.3250**, and **16.0538, 0.3991, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **30.1090, 0.4097, 0.3227**, and if you desaturate by 10%, it is **44.4204, 0.3517, 0.3258**.

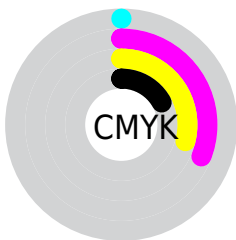
Distribution



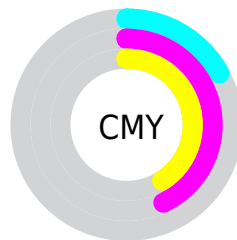
- Red (83%)
- Green (57%)
- Blue (59%)



- Red (83%)
- Yellow (57%)
- Blue (59%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6087, 0.3777, 0.3242 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 36.6087, 0.3777, 0.3242 by changing the saturation by 10% instead.


 36.6087, 0.3777,
0.3242


 36.6087, 0.3777,
0.3242


331.6133, 0.3436,
0.3273

 24.9047, 0.3867,
0.3232


 69.9706, 0.3649,
0.3255

 16.0060, 0.3986,
0.3216


 92.3972, 0.3603,
0.3260

 9.5284, 0.4150,
0.3193


119.1668, 0.3563,
0.3263

 5.0874, 0.4390,
0.3154

150.6637, 0.3530,
0.3266

 2.2987, 0.4770,
0.3081

187.2725, 0.3502,
0.3268

 0.7730, 0.5771,
0.3065

229.3774, 0.3477,

 0.0000, 1.0000,

0.3270

0.0000

277.3629, 0.3455,
0.3272

0.0000, 0.0000,
0.0000

36.6087, 0.3777,
0.3242

36.6087, 0.3777,
0.3242

30.1090, 0.4097,
0.3227

44.4204, 0.3517,
0.3258

24.8446, 0.4480,
0.3214

53.6051, 0.3307,
0.3274

20.7388, 0.4919,
0.3207

64.2261, 0.3139,
0.3289

17.7041, 0.5383,
0.3209

76.3414, 0.3005,
0.3303

15.6407, 0.5819,
0.3223

90.0058, 0.2896,
0.3315

■ 14.4300, 0.6157,
0.3247

■ 92.5915, 0.2866,
0.3289

■ 13.8803, 0.6345,
0.3269

Harmonies

Analogous

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



36.6087, 0.3446, 0.2945



36.6087, 0.3777, 0.3242



36.6087, 0.3922, 0.3566

Triad

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



36.6087, 0.3777, 0.3242



36.6087, 0.3174, 0.3945



36.6087, 0.2452, 0.2709

Complementary

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



36.6087, 0.3777, 0.3242



57.2154, 0.2710, 0.3340

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.



36.6087, 0.2392, 0.2934



36.6087, 0.3777, 0.3242



36.6087, 0.2792, 0.3673

Square

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



36.6087, 0.3777, 0.3242



36.6087, 0.3558, 0.4001



36.6087, 0.2512, 0.3288



36.6087, 0.2681, 0.2643

Rectangle

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



36.6087, 0.3777, 0.3242



36.6087, 0.3890, 0.3764



36.6087, 0.2512, 0.3288



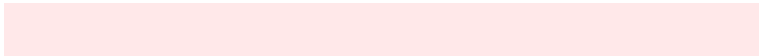
36.6087, 0.2412, 0.2767

Sweetspot

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



36.6104, 0.3777, 0.3242



84.9105, 0.3276, 0.3277



38.4816, 0.3122, 0.2520



17.6895, 0.3303, 0.3274



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.



36.6104, 0.3777, 0.3242



49.3961, 0.3981, 0.3232



46.2663, 0.3715, 0.3639



11.8198, 0.3281, 0.3276



8.3803, 0.6329, 0.3260



0.4728, 0.6105, 0.3137

Inverse Universe

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



36.6104, 0.3777, 0.3242



49.3961, 0.3981, 0.3232



44.6174, 0.2644, 0.2911



11.8198, 0.3281, 0.3276



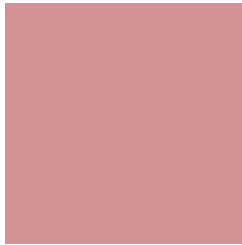
8.3803, 0.6329, 0.3260



0.4728, 0.6105, 0.3137

Previews

White Background



This preview shows how the Yxy color 36.6087, 0.3777, 0.3242 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 36.6087, 0.3777, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

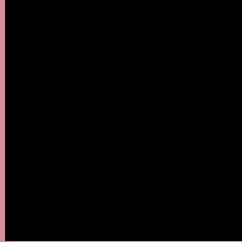
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6087, 0.3777, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 36.6087, 0.3777, 0.3242.



This preview shows how white text looks on a background with the Yxy color 36.6087, 0.3777, 0.3242.

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

36.6087, 0.3777, 0.3242

Protanopia

36.9131, 0.3200, 0.3348

Deuteranopia

36.9061, 0.3491, 0.3428



Tritanopia

36.6481, 0.3725, 0.3155

Trichromacy



Original Color

36.6087, 0.3777, 0.3242

Protanomaly

36.5815, 0.3395, 0.3305

Deuteranomaly

36.7505, 0.3585, 0.3358

Tritanomaly

36.5809, 0.3747, 0.3180

Monochromacy



Original Color

36.6087, 0.3777, 0.3242

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 36.6087, 0.3777, 0.3242 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(211, 146, 150)` looks like.

```
.text, #text, p{  
    color:rgb(211, 146, 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(211, 146, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 146, 150) }
```

Border

The CSS property to change the border of an element to Yxy 36.6087, 0.3777, 0.3242 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(211, 146, 150) }
```

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

```
.border{ border-color:rgb(211, 146, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 146, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 146, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 146, 150);  
box-shadow:4px 4px 4px 4px rgb(211, 146,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6087, 0.3777, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 146, 150) }
```

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

```
.background{ background-color: rgb(211,  
146, 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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