

Converting Colors

$Yxy(36.9513, 0.3825, 0.3207)$

Have a look what the booklet for
Yxy(36.9513, 0.3825, 0.3207)
contains.

Yxy(36.7798, 0.3825, 0.3206)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.7798, 0.3825, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	D89097
RGB	216, 144, 151
RGB Percent	85%, 56%, 59%
CMY	0.1529, 0.4353, 0.4079
CMYK	0.00, 0.33, 0.30, 0.15
HSL	354°, 48%, 71%
HSV	354°, 33%, 85%
XYZ	43.8811, 36.7798, 34.0609
YIQ	166.3260, 40.6650, 17.4410

Conversions

Conversions Part 2

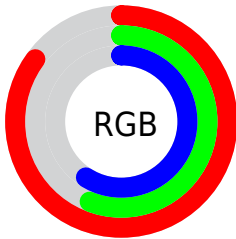
Format	Color
R_{YB}	216, 144, 151
Decimal	14192791
CIE _{Lab}	67.11, 28.20, 7.53
CIE _{LCh}	67, 29.189, 14.946
Yxy	36.7798, 0.3825, 0.3206
Android (android.graphics.Color)	4292382871 (0xFFD89097)
YUV	166.3260, -7.5557, 43.5641
Hunter-Lab	60.6464, 23.0238, 9.1533

Details

The Yxy color **36.7798, 0.3825, 0.3206** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.6539, 0.2694, 0.3378**, and the grayscale version is **38.3225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0559, 0.3531, 0.3219**, and **16.1197, 0.4044, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **30.2701, 0.4148, 0.3182**, and if you desaturate by 10%, it is **44.6497, 0.3561, 0.3232**.

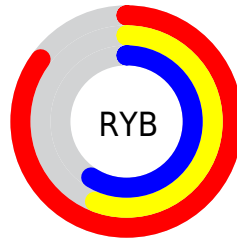
Distribution



Red (85%)

Green (56%)

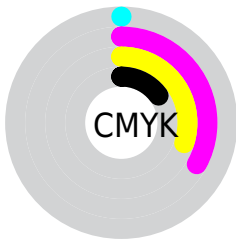
Blue (59%)



Red (85%)

Yellow (56%)

Blue (59%)

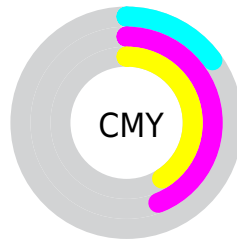


Cyan (0%)

Magenta (33%)

Yellow (30%)

Black (15%)



Cyan (15%)


Magenta (44%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7798, 0.3825, 0.3206 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 36.7798, 0.3825, 0.3206 by changing the saturation by 10% instead.


 36.7798, 0.3825,
0.3206


 36.7798, 0.3825,
0.3206


332.3562, 0.3459,
0.3256

 25.0370, 0.3922,
0.3190


 70.2340, 0.3688,
0.3226

 16.1047, 0.4049,
0.3169


 92.7142, 0.3638,
0.3233

 9.5982, 0.4224,
0.3136


119.5424, 0.3596,
0.3239

 5.1334, 0.4479,
0.3084

151.1029, 0.3561,
0.3244

 2.3257, 0.4881,
0.2990

187.7801, 0.3530,
0.3248

 0.7873, 0.5868,
0.2909


229.9585, 0.3503,

 0.0000, 1.0000,

0.3251


0.0000


278.0224, 0.3480,
0.3254


 0.0000, 0.0000,
0.0000

 36.7798, 0.3825,
0.3206


 36.7798, 0.3825,
0.3206


 30.2701, 0.4148,
0.3182


 44.6497, 0.3561,
0.3232


 25.0386, 0.4531,
0.3162


 53.9454, 0.3348,
0.3258

 21.0025, 0.4965,
0.3152

 64.7343, 0.3176,
0.3282

 18.0673, 0.5419,
0.3157

 77.0783, 0.3039,
0.3305

 16.1240, 0.5839,
0.3180

 91.0354, 0.2928,
0.3325

■ 15.0414, 0.6160,
0.3220

■ 93.3414, 0.2894,
0.3289

■ 14.6555, 0.6303,
0.3246

Harmonies

Analogous

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



36.7798, 0.3444, 0.2887



36.7798, 0.3825, 0.3206



36.7798, 0.4005, 0.3562

Triad

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



36.7798, 0.3825, 0.3206



36.7798, 0.3211, 0.4035



36.7798, 0.2372, 0.2661

Complementary

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



36.7798, 0.3825, 0.3206



59.6539, 0.2694, 0.3378

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.



36.7798, 0.2322, 0.2920



36.7798, 0.3825, 0.3206



36.7798, 0.2786, 0.3748

Square

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



36.7798, 0.3825, 0.3206



36.7798, 0.3631, 0.4072



36.7798, 0.2467, 0.3319



36.7798, 0.2609, 0.2579

Rectangle

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



36.7798, 0.3825, 0.3206



36.7798, 0.3982, 0.3784



36.7798, 0.2467, 0.3319



36.7798, 0.2334, 0.2728

Sweetspot

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



36.7816, 0.3825, 0.3206



83.4006, 0.3288, 0.3266



38.4330, 0.3099, 0.2450



17.3908, 0.3313, 0.3262



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.



36.7816, 0.3825, 0.3206



46.6834, 0.4046, 0.3188



46.4276, 0.3786, 0.3642



12.4402, 0.3276, 0.3268



8.6803, 0.6281, 0.3234



0.5304, 0.5966, 0.3060

Inverse Universe

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



36.7816, 0.3825, 0.3206



46.6834, 0.4046, 0.3188



46.5173, 0.2607, 0.2908



12.4402, 0.3276, 0.3268



8.6803, 0.6281, 0.3234



0.5304, 0.5966, 0.3060

Previews

White Background



This preview shows how the Yxy color 36.7798, 0.3825, 0.3206 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 36.7798, 0.3825, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

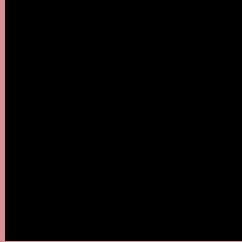
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7798, 0.3825, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 36.7798, 0.3825, 0.3206.



This preview shows how white text looks on a background with the Yxy color 36.7798, 0.3825, 0.3206.

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

36.7798, 0.3825, 0.3206

Protanopia

36.9831, 0.3183, 0.3319

Deuteranopia

36.9061, 0.3491, 0.3428



Tritanopia

36.5769, 0.3795, 0.3157

Trichromacy



Original Color

36.7798, 0.3825, 0.3206

Protanomaly

36.5255, 0.3408, 0.3277

Deuteranomaly

36.6882, 0.3608, 0.3344

Tritanomaly

36.5438, 0.3806, 0.3169

Monochromacy



Original Color

36.7798, 0.3825, 0.3206

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.2173, 0.3355, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7798, 0.3825, 0.3206 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(216, 144, 151)` looks like.

```
.text, #text, p{  
    color:rgb(216, 144, 151)  
}
```

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(216, 144, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 144, 151) }
```

Border

The CSS property to change the border of an element to Yxy 36.7798, 0.3825, 0.3206 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(216, 144, 151) }
```

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

```
.border{ border-color:rgb(216, 144, 151) }
```

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

Here you see how a box with a 4 pixel rgb(216, 144, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 144, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 144, 151);  
box-shadow:4px 4px 4px 4px rgb(216, 144,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7798, 0.3825, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 144, 151) }
```

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

```
.background{ background-color: rgb(216,  
144, 151) }
```

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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