

Converting Colors

$Yxy(37.0949, 0.3934, 0.3445)$

Have a look what the booklet for
Yxy(37.0949, 0.3934, 0.3445)
contains.

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Color

Yxy(36.9544, 0.3930, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	D49488
RGB	212, 148, 136
RGB Percent	83%, 58%, 53%
CMY	0.1687, 0.4196, 0.4667
CMYK	0.00, 0.30, 0.36, 0.17
HSL	9°, 47%, 68%
HSV	9°, 36%, 83%
XYZ	42.1815, 36.9544, 28.1961
YIQ	165.7680, 41.9960, 9.8360

Conversions

Conversions Part 2

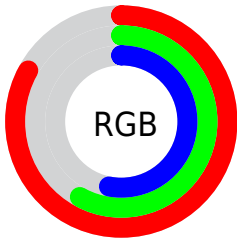
Format	Color
R_{YB}	212, 150, 136
Decimal	13931656
CIE _{Lab}	67.24, 22.58, 16.04
CIE _{LCh}	67, 27.699, 35.393
Yxy	36.9544, 0.3930, 0.3443
Android (android.graphics.Color)	4292121736 (0xFFD49488)
YUV	165.7680, -14.6756, 40.5455
Hunter-Lab	60.7901, 17.4761, 15.0528

Details

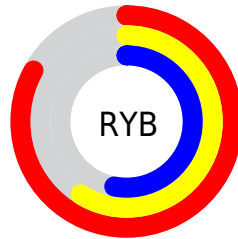
The Yxy color **36.9544, 0.3930, 0.3443** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.2751, 0.2604, 0.3129**, and the grayscale version is **38.0727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1752, 0.3649, 0.3426**, and **16.1898, 0.4182, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **31.2384, 0.4265, 0.3485**, and if you desaturate by 10%, it is **43.6561, 0.3648, 0.3399**.

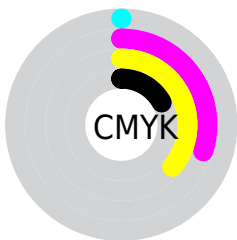
Distribution



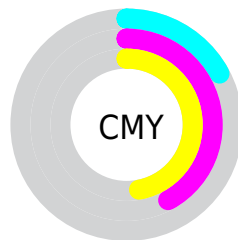
- Red (83%)
- Green (58%)
- Blue (53%)



- Red (83%)
- Yellow (59%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (36%)
- Black (17%)




- Cyan (17%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9544, 0.3930, 0.3443 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 36.9544, 0.3930, 0.3443 by changing the saturation by 10% instead.


 36.9544, 0.3930,
0.3443


 36.9544, 0.3930,
0.3443


333.1131, 0.3509,
0.3376


 25.1722, 0.4041,
0.3456


 70.5026, 0.3772,
0.3421

 16.2054, 0.4187,
0.3470


 93.0375, 0.3715,
0.3412

 9.6696, 0.4386,
0.3483


 119.9253, 0.3666,
0.3405

 5.1805, 0.4674,
0.3489

151.5505, 0.3625,
0.3398

 2.3535, 0.5118,
0.3471

188.2975, 0.3590,
0.3391

 0.8018, 0.6370,
0.3630

230.5506, 0.3559,

 0.0000, 1.0000,

0.3386

0.0000

278.6944, 0.3533,
0.3381

0.0000, 0.0000,
0.0000

36.9544, 0.3930,
0.3443

36.9544, 0.3930,
0.3443

31.2384, 0.4265,
0.3485

43.6561, 0.3648,
0.3399

26.4562, 0.4652,
0.3519

51.3815, 0.3415,
0.3355

22.5595, 0.5076,
0.3537

60.1732, 0.3223,
0.3313

19.4931, 0.5505,
0.3532

70.0695, 0.3066,
0.3274

17.1957, 0.5887,
0.3498

81.1072, 0.2936,
0.3239

■ 15.5969, 0.6168,
0.3438

■ 92.7351, 0.2872,
0.3289

■ 15.1136, 0.6258,
0.3413

Harmonies

Analogous

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



36.9544, 0.3689, 0.3108



36.9544, 0.3930, 0.3443



36.9544, 0.3936, 0.3766

Triad

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



36.9544, 0.3930, 0.3443



36.9544, 0.2926, 0.3830



36.9544, 0.2545, 0.2620

Complementary

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



36.9544, 0.3930, 0.3443



51.2751, 0.2604, 0.3129

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.



36.9544, 0.2374, 0.2755



36.9544, 0.3930, 0.3443



36.9544, 0.2581, 0.3452

Square

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



36.9544, 0.3930, 0.3443



36.9544, 0.3341, 0.4032



36.9544, 0.2386, 0.3050



36.9544, 0.2873, 0.2651

Rectangle

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



36.9544, 0.3930, 0.3443



36.9544, 0.3809, 0.3934



36.9544, 0.2386, 0.3050



36.9544, 0.2469, 0.2646

Sweetspot

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



36.9562, 0.3930, 0.3443



84.1733, 0.3319, 0.3335



35.7967, 0.3277, 0.2526



17.6295, 0.3346, 0.3340



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.



36.9562, 0.3930, 0.3443



49.4044, 0.4180, 0.3475



50.6320, 0.3767, 0.3891



12.7350, 0.3287, 0.3328



9.4268, 0.6239, 0.3428



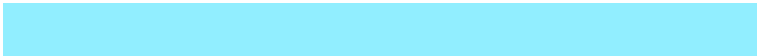
0.6701, 0.5939, 0.3666

Inverse Universe

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



51.2751, 0.2604, 0.3129



74.2149, 0.2508, 0.3089



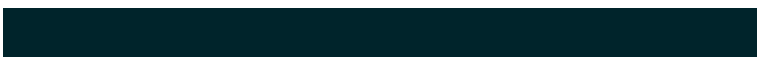
36.0332, 0.2532, 0.2602



13.7575, 0.2983, 0.3252



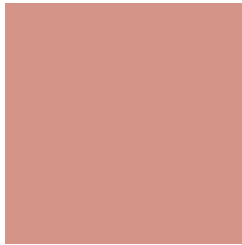
22.8237, 0.2106, 0.2782



1.4686, 0.2133, 0.2878

Previews

White Background



This preview shows how the Yxy color 36.9544, 0.3930, 0.3443 looks on a white background.

Color Contrast Check

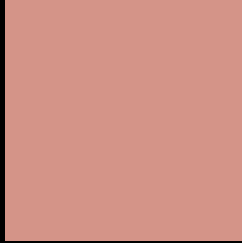
Large Text (above 18pt) WCAG AA × Fail

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 36.9544, 0.3930, 0.3443 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 36.9544, 0.3930, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 36.9544, 0.3930, 0.3443.



This preview shows how white text looks on a background with the Yxy color 36.9544, 0.3930, 0.3443.

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

36.9544, 0.3930, 0.3443

Protanopia

37.3352, 0.3384, 0.3577

Deuteranopia

37.1221, 0.3680, 0.3618



Tritanopia

36.9472, 0.3746, 0.3156

Trichromacy



Original Color

36.9544, 0.3930, 0.3443

Protanomaly

36.9416, 0.3580, 0.3524

Deuteranomaly

36.8662, 0.3769, 0.3543

Tritanomaly

36.8738, 0.3808, 0.3255

Monochromacy



Original Color

36.9544, 0.3930, 0.3443

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.2301, 0.3401, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9544, 0.3930, 0.3443 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(212, 148, 136)` looks like.

```
.text, #text, p{  
    color:rgb(212, 148, 136)  
}
```

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(212, 148, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 148, 136) }
```

Border

The CSS property to change the border of an element to Yxy 36.9544, 0.3930, 0.3443 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(212, 148, 136) }
```

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

```
.border{ border-color:rgb(212, 148, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 148, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 148, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 148, 136);  
box-shadow:4px 4px 4px 4px rgb(212, 148,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9544, 0.3930, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 148, 136) }
```

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

```
.background{ background-color: rgb(212,  
148, 136) }
```

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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