

Converting Colors

Yxy(37.2481, 0.4142, 0.3497)

Have a look what the booklet for
Yxy(37.2481, 0.4142, 0.3497)
contains.

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Color

Yxy(37.3389, 0.4134, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	DE9180
RGB	222, 145, 128
RGB Percent	87%, 57%, 50%
CMY	0.1295, 0.4313, 0.4981
CMYK	0.00, 0.35, 0.42, 0.13
HSL	11°, 59%, 69%
HSV	11°, 42%, 87%
XYZ	44.1404, 37.3389, 25.2948
YIQ	166.0850, 51.3490, 11.0370

Conversions

Conversions Part 2

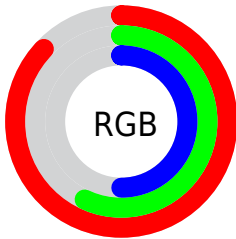
Format	Color
R _Y B	222, 149, 128
Decimal	14586240
CIE Lab	67.53, 27.16, 21.07
CIE LCh	68, 34.371, 37.809
Yxy	37.3389, 0.4134, 0.3497
Android (android.graphics.Color)	4292776320 (0xFFDE9180)
YUV	166.0850, -18.7759, 49.0375
Hunter-Lab	61.1056, 22.0071, 18.2307

Details

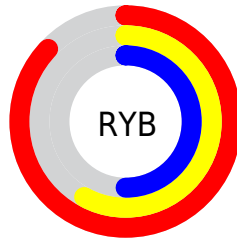
The Yxy color **37.3389, 0.4134, 0.3497** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.4952, 0.2516, 0.3066**, and the grayscale version is **38.2508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4430, 0.3722, 0.3479**, and **16.4624, 0.4441, 0.3528** is the 20% darker color. If you saturate the color by 10%, you get **31.7009, 0.4498, 0.3540**, and if you desaturate by 10%, it is **43.9969, 0.3822, 0.3448**.

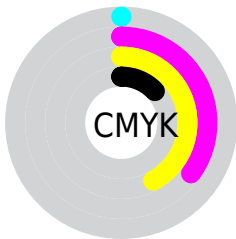
Distribution



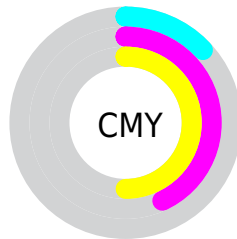
- Red (87%)
- Green (57%)
- Blue (50%)



- Red (87%)
- Yellow (58%)
- Blue (50%)



- Cyan (0%)
- Magenta (35%)
- Yellow (42%)
- Black (13%)




- Cyan (13%)
- Magenta (43%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3389, 0.4134, 0.3497 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 37.3389, 0.4134, 0.3497 by changing the saturation by 10% instead.


 37.3389, 0.4134,
0.3497


 37.3389, 0.4134,
0.3497


334.7755, 0.3607,
0.3410


 25.4700, 0.4272,
0.3512


 71.0937, 0.3938,
0.3470

 16.4276, 0.4451,
0.3526


 93.7484, 0.3865,
0.3459

 9.8272, 0.4694,
0.3537


 120.7671, 0.3805,
0.3448

 5.2845, 0.5036,
0.3532

152.5343, 0.3753,
0.3439

 2.4152, 0.5574,
0.3499

189.4344, 0.3709,
0.3431

 0.8337, 0.6597,
0.3403

231.8516, 0.3671,

 0.0000, 1.0000,

0.3423

0.0000

280.1705, 0.3637,
0.3416

0.0000, 0.0000,
0.0000

37.3389, 0.4134,
0.3497

37.3389, 0.4134,
0.3497

31.7009, 0.4498,
0.3540

43.9969, 0.3822,
0.3448

27.0269, 0.4904,
0.3569

51.7165, 0.3560,
0.3397

23.2637, 0.5328,
0.3575


60.5436, 0.3343,
0.3347


20.3506, 0.5728,
0.3551

70.5196, 0.3164,
0.3300

18.2190, 0.6049,
0.3494

81.6840, 0.3017,
0.3257

 17.0603, 0.6226,
0.3439

 93.6708, 0.2928,
0.3280

 94.2666, 0.2929,
0.3289

Harmonies

Analogous

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



37.3389, 0.3856, 0.3093



37.3389, 0.4134, 0.3497



37.3389, 0.4110, 0.3888

Triad

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



37.3389, 0.4134, 0.3497



37.3389, 0.2835, 0.3937



37.3389, 0.2442, 0.2472

Complementary

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



37.3389, 0.4134, 0.3497



53.4952, 0.2516, 0.3066

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.



37.3389, 0.2221, 0.2609



37.3389, 0.4134, 0.3497



37.3389, 0.2430, 0.3444

Square

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



37.3389, 0.4134, 0.3497



37.3389, 0.3340, 0.4211



37.3389, 0.2215, 0.2949



37.3389, 0.2850, 0.2528

Rectangle

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



37.3389, 0.4134, 0.3497



37.3389, 0.3935, 0.4095



37.3389, 0.2215, 0.2949



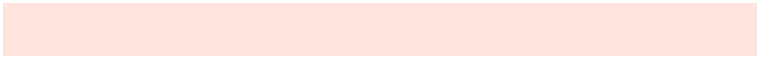
37.3389, 0.2345, 0.2495

Sweetspot

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



37.3407, 0.4134, 0.3497



81.9351, 0.3358, 0.3351



35.4308, 0.3328, 0.2405



16.9390, 0.3403, 0.3362



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.



37.3407, 0.4134, 0.3497



44.0838, 0.4461, 0.3536



54.1923, 0.3898, 0.4018



14.1003, 0.3288, 0.3333



10.2516, 0.6204, 0.3456



0.8300, 0.5922, 0.3680

Inverse Universe

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



53.4952, 0.2516, 0.3066



68.9671, 0.2408, 0.3009



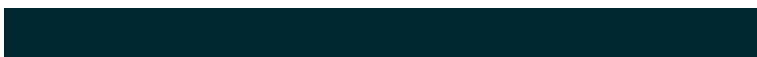
34.7643, 0.2410, 0.2426



15.1276, 0.2982, 0.3246



23.0962, 0.2084, 0.2702



1.7124, 0.2112, 0.2802

Previews

White Background



This preview shows how the Yxy color 37.3389, 0.4134, 0.3497 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 37.3389, 0.4134, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

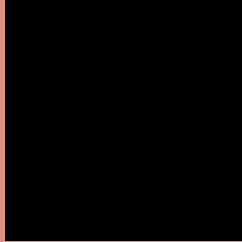
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3389, 0.4134, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 37.3389, 0.4134, 0.3497.



This preview shows how white text looks on a background with the Yxy color 37.3389, 0.4134, 0.3497.

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

37.3389, 0.4134, 0.3497

Protanopia

37.3557, 0.3468, 0.3676

Deuteranopia

37.4294, 0.3801, 0.3720



Tritanopia

37.4603, 0.3904, 0.3173

Trichromacy



Original Color

37.3389, 0.4134, 0.3497

Protanomaly

36.9115, 0.3694, 0.3603

Deuteranomaly

37.1521, 0.3918, 0.3628

Tritanomaly

37.3161, 0.3989, 0.3293

Monochromacy



Original Color

37.3389, 0.4134, 0.3497

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.1598, 0.3462, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3389, 0.4134, 0.3497 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(222, 145, 128)` looks like.

```
.text, #text, p{  
    color:rgb(222, 145, 128)  
}
```

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(222, 145, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 145, 128) }
```

Border

The CSS property to change the border of an element to Yxy 37.3389, 0.4134, 0.3497 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(222, 145, 128) }
```

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

```
.border{ border-color:rgb(222, 145, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 145, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 145, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 145, 128); box-shadow:4px 4px 4px 4px rgb(222, 145, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3389, 0.4134, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 145, 128) }
```

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

```
.background{ background-color: rgb(222,  
145, 128) }
```

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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