

Converting Colors

$Yxy(35.6924, 0.3780, 0.3590)$

Have a look what the booklet for
Yxy(35.6924, 0.3780, 0.3590)
contains.

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Color

Yxy(35.5375, 0.3787, 0.3588)

Conversions

Conversions Part 1

Format	Color
Hex	C29882
RGB	194, 152, 130
RGB Percent	76%, 60%, 51%
CMY	0.2391, 0.4039, 0.4902
CMYK	0.00, 0.22, 0.33, 0.24
HSL	21°, 34%, 64%
HSV	21°, 33%, 76%
XYZ	37.5085, 35.5375, 25.9994
YIQ	162.0500, 32.0940, 2.0620

Conversions

Conversions Part 2

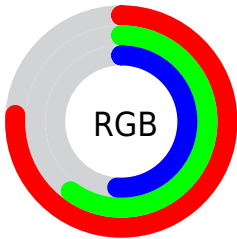
Format	Color
RYB	194, 164, 130
Decimal	12753026
CIELab	66.17, 12.59, 17.58
CIELCh	66, 21.626, 54.404
Yxy	35.5375, 0.3787, 0.3588
Android (android.graphics.Color)	4290943106 (0xFFC29882)
YUV	162.0500, -15.8006, 28.0202
Hunter-Lab	59.6133, 7.9882, 15.8709

Details

The Yxy color **35.5375, 0.3787, 0.3588** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1514, 0.2623, 0.2969**, and the grayscale version is **36.2212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0707, 0.3653, 0.3532**, and **15.3904, 0.3992, 0.3660** is the 20% darker color. If you saturate the color by 10%, you get **31.1524, 0.4060, 0.3680**, and if you desaturate by 10%, it is **40.4679, 0.3550, 0.3494**.

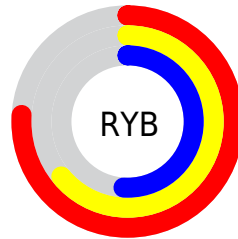
Distribution



Red (76%)

Green (60%)

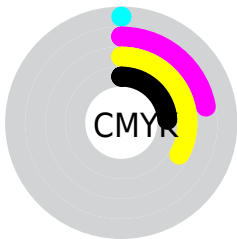
Blue (51%)



Red (76%)

Yellow (64%)

Blue (51%)

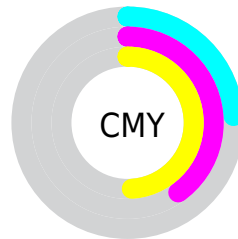


Cyan (0%)

Magenta (22%)

Yellow (33%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5375, 0.3787, 0.3588 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 35.5375, 0.3787, 0.3588 by changing the saturation by 10% instead.

 35.5375, 0.3787,
0.3588


 35.5375, 0.3787,
0.3588


326.9345, 0.3440,
0.3441


 24.0772, 0.3879,
0.3623


 68.3176, 0.3657,
0.3535

 15.3909, 0.4000,
0.3667


 90.4062, 0.3609,
0.3515

 9.0942, 0.4167,
0.3723


 116.8064, 0.3569,
0.3498

 4.8027, 0.4407,
0.3793

147.9025, 0.3535,
0.3484

 2.1320, 0.4798,
0.3890

184.0790, 0.3506,
0.3471

 0.6825, 0.5848,
0.4152


225.7202, 0.3481,


 0.0000, 0.0000,


0.3460


0.0000

273.2106, 0.3459,
0.3450

 35.5375, 0.3787,
0.3588


 35.5375, 0.3787,
0.3588

 31.1524, 0.4060,
0.3680


 40.4679, 0.3550,
0.3494


 27.2882, 0.4369,
0.3764


 45.9572, 0.3347,
0.3402


 23.9258, 0.4706,
0.3828


 52.0244, 0.3174,
0.3315

 21.0429, 0.5054,
0.3862


 58.6863, 0.3027,
0.3234

 18.6152, 0.5390,
0.3853

 65.9588, 0.2902,
0.3160


 16.6157, 0.5682,
0.3794

 73.8575, 0.2796,
0.3091

 15.4481, 0.5856,
0.3732

 81.6813, 0.2761,
0.3141

 89.4909, 0.2772,
0.3277

 90.2116, 0.2773,
0.3289

Harmonies

Analogous

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



35.5375, 0.3710, 0.3318



35.5375, 0.3787, 0.3588



35.5375, 0.3677, 0.3800

Triad

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



35.5375, 0.3787, 0.3588



35.5375, 0.2784, 0.3536



35.5375, 0.2819, 0.2752

Complementary

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



35.5375, 0.3787, 0.3588



38.1514, 0.2623, 0.2969

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.



35.5375, 0.2595, 0.2779



35.5375, 0.3787, 0.3588



35.5375, 0.2575, 0.3217

Square

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



35.5375, 0.3787, 0.3588



35.5375, 0.3091, 0.3789



35.5375, 0.2508, 0.2942



35.5375, 0.3136, 0.2853

Rectangle

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



35.5375, 0.3787, 0.3588



35.5375, 0.3517, 0.3874



35.5375, 0.2508, 0.2942



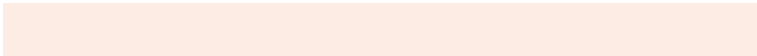
35.5375, 0.2731, 0.2746

Sweetspot

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



35.5392, 0.3787, 0.3588



86.2596, 0.3295, 0.3377



30.4401, 0.3387, 0.2731



18.5545, 0.3321, 0.3389



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.



35.5392, 0.3787, 0.3588



58.2211, 0.3993, 0.3659



47.0933, 0.3659, 0.3981



10.6313, 0.3281, 0.3370



10.2934, 0.5832, 0.3751



0.5743, 0.5396, 0.4098

Inverse Universe

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



38.1514, 0.2623, 0.2969



63.6916, 0.2511, 0.2882



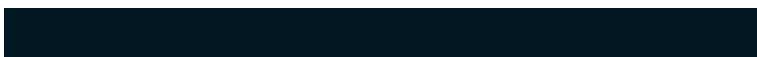
27.5925, 0.2563, 0.2488



10.8266, 0.2984, 0.3209



12.7532, 0.1927, 0.2138



0.6752, 0.2007, 0.2425

Previews

White Background



This preview shows how the Yxy color 35.5375, 0.3787, 0.3588 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 35.5375, 0.3787, 0.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

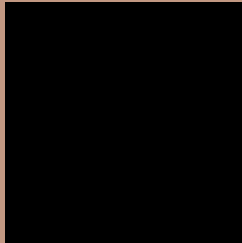
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5375, 0.3787, 0.3588

Background



This preview shows how black text looks on a background with the Yxy color 35.5375, 0.3787, 0.3588.



This preview shows how white text looks on a background with the Yxy color 35.5375, 0.3787, 0.3588.

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

35.5375, 0.3787, 0.3588

Protanopia

35.7570, 0.3464, 0.3684

Deuteranopia

35.5925, 0.3710, 0.3650



Tritanopia

35.5533, 0.3529, 0.3147

Trichromacy



Original Color

35.5375, 0.3787, 0.3588

Protanomaly

35.7309, 0.3576, 0.3645

Deuteranomaly

35.6433, 0.3746, 0.3633

Tritanomaly

35.3688, 0.3631, 0.3305

Monochromacy



Original Color

35.5375, 0.3787, 0.3588

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.6544, 0.3360, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5375, 0.3787, 0.3588 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(194, 152, 130)` looks like.

```
.text, #text, p{  
    color:rgb(194, 152, 130)  
}
```

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(194, 152, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 152, 130) }
```

Border

The CSS property to change the border of an element to Yxy 35.5375, 0.3787, 0.3588 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(194, 152, 130) }
```

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

```
.border{ border-color:rgb(194, 152, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 152, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 152, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 152, 130);  
box-shadow:4px 4px 4px 4px rgb(194, 152,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5375, 0.3787, 0.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 152, 130) }
```

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

```
.background{ background-color: rgb(194,  
152, 130) }
```

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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