

Converting Colors

$Yxy(37.7240, 0.3697, 0.3628)$

Have a look what the booklet for
Yxy(37.7240, 0.3697, 0.3628)
contains.

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Color

Yxy(37.7240, 0.3697, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	C09F86
RGB	192, 159, 134
RGB Percent	75%, 62%, 53%
CMY	0.2470, 0.3765, 0.4745
CMYK	0.00, 0.17, 0.30, 0.25
HSL	26°, 32%, 64%
HSV	26°, 30%, 75%
XYZ	38.4415, 37.7240, 27.8147
YIQ	166.0170, 27.6930, -0.7790

Conversions

Conversions Part 2

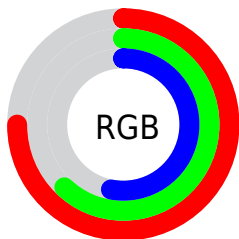
Format	Color
RYB	192, 178, 134
Decimal	12623750
CIELab	67.82, 8.48, 17.61
CIElCh	68, 19.547, 64.275
Yxy	37.7240, 0.3697, 0.3628
Android (android.graphics.Color)	4290813830 (0xFFC09F86)
YUV	166.0170, -15.7844, 22.7871
Hunter-Lab	61.4199, 4.2348, 16.1437

Details

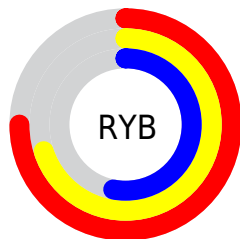
The Yxy color **37.7240, 0.3697, 0.3628** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.5206, 0.2657, 0.2925**, and the grayscale version is **38.2112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8207, 0.3587, 0.3574**, and **16.7685, 0.3884, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **33.6437, 0.3942, 0.3744**, and if you desaturate by 10%, it is **42.2373, 0.3481, 0.3512**.

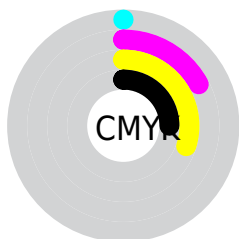
Distribution



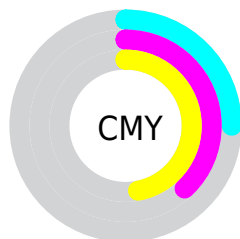
- Red (75%)
- Green (62%)
- Blue (53%)



- Red (75%)
- Yellow (70%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (25%)




- Cyan (25%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7240, 0.3697, 0.3628 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 37.7240, 0.3697, 0.3628 by changing the saturation by 10% instead.


 37.7240, 0.3697,
0.3628


 37.7240, 0.3697,
0.3628


336.4345, 0.3401,
0.3459

 25.7685, 0.3774,
0.3670


 71.6849, 0.3587,
0.3567

 16.6506, 0.3876,
0.3722

 94.4591, 0.3546,
0.3544

 9.9857, 0.4013,
0.3791


 121.6084, 0.3512,
0.3524

 5.3895, 0.4210,
0.3883

153.5172, 0.3483,
0.3507

 2.4775, 0.4512,
0.4006

190.5698, 0.3458,
0.3493

 0.8654, 0.5468,
0.4532

233.1506, 0.3436,

 0.0000, 0.0000,

0.3480

0.0000

281.6440, 0.3417,
0.3469

■ 37.7240, 0.3697,
0.3628

■ 37.7240, 0.3697,
0.3628

■ 33.6437, 0.3942,
0.3744

■ 42.2373, 0.3481,
0.3512

■ 29.9775, 0.4215,
0.3853

■ 47.1916, 0.3293,
0.3399

■ 26.7124, 0.4511,
0.3945

■ 52.6011, 0.3130,
0.3292

■ 23.8325, 0.4817,
0.4008

■ 58.4778, 0.2990,
0.3193

■ 21.3210, 0.5116,
0.4029

■ 64.8331, 0.2869,
0.3101

■ 19.1588, 0.5387,
0.3999

■ 71.6781, 0.2765,
0.3018

■ 17.3523, 0.5613,
0.3925

■ 78.1288, 0.2744,
0.3079

■ 84.5975, 0.2754,
0.3198

■ 89.9474, 0.2762,
0.3289

Harmonies

Analogous

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



37.7240, 0.3683, 0.3399



37.7240, 0.3697, 0.3628



37.7240, 0.3551, 0.3782

Triad

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



37.7240, 0.3697, 0.3628



37.7240, 0.2750, 0.3417



37.7240, 0.2941, 0.2828

Complementary

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



37.7240, 0.3697, 0.3628



36.5206, 0.2657, 0.2925

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.



37.7240, 0.2707, 0.2814



37.7240, 0.3697, 0.3628



37.7240, 0.2601, 0.3139

Square

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



37.7240, 0.3697, 0.3628



37.7240, 0.3001, 0.3668



37.7240, 0.2586, 0.2922



37.7240, 0.3236, 0.2951

Rectangle

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



37.7240, 0.3697, 0.3628



37.7240, 0.3388, 0.3814



37.7240, 0.2586, 0.2922



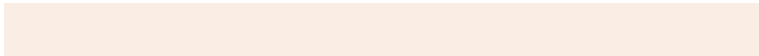
37.7240, 0.2853, 0.2810

Sweetspot

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



37.7257, 0.3697, 0.3628



86.5002, 0.3274, 0.3387



31.0831, 0.3411, 0.2841



18.2607, 0.3300, 0.3403



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.7257, 0.3697, 0.3628



63.5492, 0.3850, 0.3702



48.5436, 0.3594, 0.3979



10.7756, 0.3278, 0.3390



11.8238, 0.5591, 0.3942



0.6476, 0.5204, 0.4250

Inverse Universe

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



36.5206, 0.2657, 0.2925



61.0201, 0.2557, 0.2834



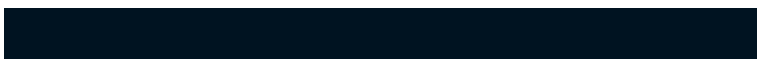
27.2968, 0.2608, 0.2493



10.6781, 0.2984, 0.3188



10.1172, 0.1842, 0.1830



0.5719, 0.1941, 0.2189

Previews

White Background



This preview shows how the Yxy color 37.7240, 0.3697, 0.3628 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 37.7240, 0.3697, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

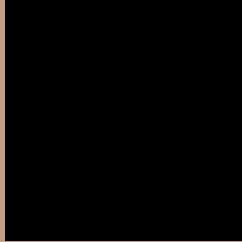
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7240, 0.3697, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 37.7240, 0.3697, 0.3628.



This preview shows how white text looks on a background with the Yxy color 37.7240, 0.3697, 0.3628.

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

37.7240, 0.3697, 0.3628

Protanopia

37.8304, 0.3476, 0.3688

Deuteranopia

37.7240, 0.3697, 0.3628



Tritanopia

37.6001, 0.3435, 0.3134

Trichromacy



Original Color

37.7240, 0.3697, 0.3628

Protanomaly

37.7957, 0.3551, 0.3668

Deuteranomaly

37.7240, 0.3697, 0.3628

Tritanomaly

37.7121, 0.3539, 0.3318

Monochromacy



Original Color

37.7240, 0.3697, 0.3628

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.6414, 0.3323, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7240, 0.3697, 0.3628 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(192, 159, 134)` looks like.

```
.text, #text, p{  
    color:rgb(192, 159, 134)  
}
```

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(192, 159, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 159, 134) }
```

Border

The CSS property to change the border of an element to Yxy 37.7240, 0.3697, 0.3628 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(192, 159, 134) }
```

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

```
.border{ border-color:rgb(192, 159, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 159, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 159, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 159, 134);  
box-shadow:4px 4px 4px 4px rgb(192, 159,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7240, 0.3697, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 159, 134) }
```

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

```
.background{ background-color: rgb(192,  
159, 134) }
```

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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