

Converting Colors

$Yxy(37.2170, 0.3477, 0.3377)$

Have a look what the booklet for
Yxy(37.2170, 0.3477, 0.3377)
contains.

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Color

Yxy(37.2855, 0.3472, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	BB9E98
RGB	187, 158, 152
RGB Percent	73%, 62%, 60%
CMY	0.2668, 0.3803, 0.4040
CMYK	0.00, 0.15, 0.19, 0.27
HSL	10°, 20%, 66%
HSV	10°, 19%, 73%
XYZ	38.3799, 37.2855, 34.8757
YIQ	165.9870, 19.2100, 4.2820

Conversions

Conversions Part 2

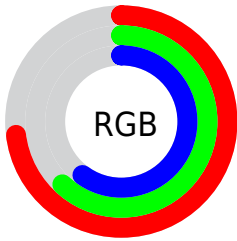
Format	Color
RYB	187, 159, 152
Decimal	12295832
CIELab	67.49, 9.69, 7.11
CIELCh	67, 12.019, 36.256
Yxy	37.2855, 0.3472, 0.3373
Android (android.graphics.Color)	4290485912 (0xFFBB9E98)
YUV	165.9870, -6.8956, 18.4284
Hunter-Lab	61.0619, 5.3363, 8.8796

Details

The Yxy color **37.2855, 0.3472, 0.3373** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2805, 0.2846, 0.3205**, and the grayscale version is **38.1525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0994, 0.3402, 0.3364**, and **16.4415, 0.3578, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **31.7708, 0.3714, 0.3421**, and if you desaturate by 10%, it is **43.5647, 0.3272, 0.3327**.

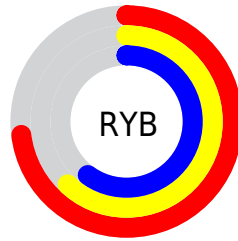
Distribution



Red (73%)

Green (62%)

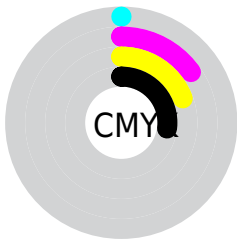
Blue (60%)



Red (73%)

Yellow (62%)

Blue (60%)

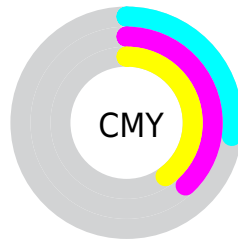


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2855, 0.3472, 0.3373 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 37.2855, 0.3472, 0.3373 by changing the saturation by 10% instead.

 37.2855, 0.3472,
0.3373


 37.2855, 0.3472,
0.3373


334.5449, 0.3292,
0.3332

 25.4286, 0.3520,
0.3383


 71.0117, 0.3405,
0.3358

 16.3967, 0.3582,
0.3395


 93.6497, 0.3380,
0.3353

 9.8053, 0.3669,
0.3411


120.6503, 0.3359,
0.3348

 5.2700, 0.3795,
0.3433

152.3978, 0.3342,
0.3344

 2.4066, 0.3998,
0.3461

189.2767, 0.3327,
0.3341

 0.8293, 0.4567,
0.3647


231.6712, 0.3314,


 0.0000, 0.0000,

0.3337

0.0000


279.9658, 0.3302,
0.3335


 37.2855, 0.3472,
0.3373


 37.2855, 0.3472,
0.3373


 31.7708, 0.3714,
0.3421


 43.5647, 0.3272,
0.3327


 26.9865, 0.4004,
0.3468

 50.6310, 0.3108,
0.3285


 22.9033, 0.4346,
0.3512

 58.5122, 0.2972,
0.3246

 19.4880, 0.4735,
0.3546

 67.2332, 0.2859,
0.3210

 16.7045, 0.5155,
0.3561

 76.8178, 0.2766,
0.3178

■ 14.5135, 0.5570,
0.3551

■ 86.6844, 0.2732,
0.3245

■ 12.8710, 0.5930,
0.3510

■ 89.2997, 0.2736,
0.3289

■ 11.7228, 0.6195,
0.3446

■ 11.6054, 0.6225,
0.3439

Harmonies

Analogous

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



37.2855, 0.3373, 0.3218



37.2855, 0.3472, 0.3373



37.2855, 0.3475, 0.3512

Triad

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



37.2855, 0.3472, 0.3373



37.2855, 0.3040, 0.3510



37.2855, 0.2873, 0.2990

Complementary

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



37.2855, 0.3472, 0.3373



43.2805, 0.2846, 0.3205

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.



37.2855, 0.2790, 0.3057



37.2855, 0.3472, 0.3373



37.2855, 0.2884, 0.3358

Square

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



37.2855, 0.3472, 0.3373



37.2855, 0.3222, 0.3599



37.2855, 0.2794, 0.3191



37.2855, 0.3025, 0.3001

Rectangle

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



37.2855, 0.3472, 0.3373



37.2855, 0.3422, 0.3577



37.2855, 0.2794, 0.3191



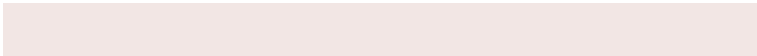
37.2855, 0.2837, 0.3004

Sweetspot

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



37.2872, 0.3472, 0.3373



81.2238, 0.3226, 0.3316



36.3551, 0.3202, 0.2906



17.7100, 0.3238, 0.3319



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



37.2872, 0.3472, 0.3373



63.0475, 0.3555, 0.3390



43.6048, 0.3431, 0.3602



9.7952, 0.3284, 0.3330



8.0750, 0.6208, 0.3453



0.3997, 0.5785, 0.3788

Inverse Universe

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



43.2805, 0.2846, 0.3205



75.5516, 0.2793, 0.3187



36.6858, 0.2832, 0.2958



10.5220, 0.2985, 0.3249



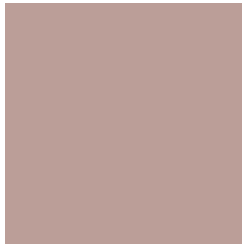
18.6623, 0.2094, 0.2737



0.8060, 0.2134, 0.2883

Previews

White Background



This preview shows how the Yxy color 37.2855, 0.3472, 0.3373 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 37.2855, 0.3472, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

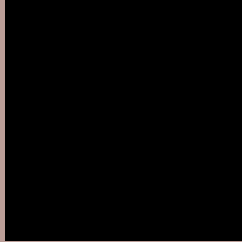
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2855, 0.3472, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 37.2855, 0.3472, 0.3373.



This preview shows how white text looks on a background with the Yxy color 37.2855, 0.3472, 0.3373.

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

37.2855, 0.3472, 0.3373

Protanopia

37.4635, 0.3264, 0.3419

Deuteranopia

37.3776, 0.3450, 0.3387



Tritanopia

37.4229, 0.3342, 0.3131

Trichromacy



Original Color

37.2855, 0.3472, 0.3373

Protanomaly

37.4039, 0.3335, 0.3403

Deuteranomaly

37.5024, 0.3460, 0.3386

Tritanomaly

37.4139, 0.3388, 0.3224

Monochromacy



Original Color

37.2855, 0.3472, 0.3373

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.7663, 0.3250, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2855, 0.3472, 0.3373 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(187, 158, 152)` looks like.

```
.text, #text, p{  
    color:rgb(187, 158, 152)  
}
```

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(187, 158, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 158, 152) }
```

Border

The CSS property to change the border of an element to Yxy 37.2855, 0.3472, 0.3373 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(187, 158, 152) }
```

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

```
.border{ border-color:rgb(187, 158, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 158, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 158, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 158, 152);  
box-shadow:4px 4px 4px 4px rgb(187, 158,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2855, 0.3472, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 158, 152) }
```

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

```
.background{ background-color: rgb(187,  
158, 152) }
```

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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