

Converting Colors

$Yxy(40.9924, 0.3336, 0.3217)$

Have a look what the booklet for
Yxy(40.9924, 0.3336, 0.3217)
contains.

Yxy(41.0190, 0.3338, 0.3225)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.0190, 0.3338, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	C0A5AA
RGB	192, 165, 170
RGB Percent	75%, 65%, 67%
CMY	0.2469, 0.3530, 0.3333
CMYK	0.00, 0.14, 0.11, 0.25
HSL	349°, 18%, 70%
HSV	349°, 14%, 75%
XYZ	42.4563, 41.0190, 43.7154
YIQ	173.6430, 14.4870, 7.2790

Conversions

Conversions Part 2

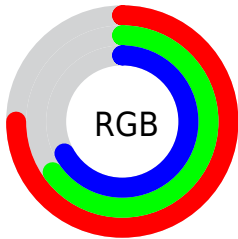
Format	Color
RYB	192, 165, 170
Decimal	12625322
CIELab	70.19, 10.71, 1.06
CIELCh	70, 10.759, 5.644
Yxy	41.0190, 0.3338, 0.3225
Android (android.graphics.Color)	4290815402 (0xFFC0A5AA)
YUV	173.6430, -1.7960, 16.0991
Hunter-Lab	64.0461, 6.2473, 4.3631

Details

The Yxy color **41.0190, 0.3338, 0.3225** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.3013, 0.2951, 0.3356**, and the grayscale version is **42.1414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7624, 0.3303, 0.3240**, and **18.5215, 0.3397, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **34.0490, 0.3531, 0.3176**, and if you desaturate by 10%, it is **49.1032, 0.3182, 0.3272**.

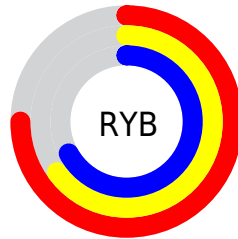
Distribution



Red (75%)

Green (65%)

Blue (67%)



Red (75%)

Yellow (65%)

Blue (67%)

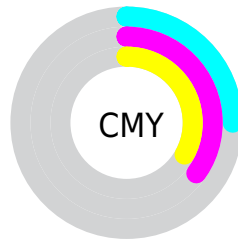


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0190, 0.3338, 0.3225 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 41.0190, 0.3338, 0.3225 by changing the saturation by 10% instead.


 41.0190, 0.3338,
0.3225


 41.0190, 0.3338,
0.3225


350.4000, 0.3230,
0.3259

 28.3339, 0.3366,
0.3216


 76.7127, 0.3298,
0.3237

 18.5775, 0.3402,
0.3205


 100.4902, 0.3283,
0.3242

 11.3654, 0.3451,
0.3189


128.7339, 0.3271,
0.3246

 6.3132, 0.3522,
0.3166

161.8283, 0.3260,
0.3249

 3.0364, 0.3631,
0.3131

200.1576, 0.3251,
0.3252

 1.1508, 0.3825,
0.3066

244.1065, 0.3243,

 0.0209, 0.9307,

0.3255

0.0693

294.0591, 0.3236,
0.3257

0.0000, 0.0000,
0.0000

41.0190, 0.3338,
0.3225

41.0190, 0.3338,
0.3225

34.0490, 0.3531,
0.3176

49.1032, 0.3182,
0.3272

28.1389, 0.3768,
0.3125

58.3418, 0.3056,
0.3315

23.2385, 0.4056,
0.3078

68.7796, 0.2953,
0.3355

19.2908, 0.4398,
0.3038

80.4576, 0.2870,
0.3391

16.2336, 0.4787,
0.3012

89.5209, 0.2797,
0.3361

■ 13.9970, 0.5204,
0.3011

■ 89.9510, 0.2763,
0.3289

■ 12.5005, 0.5609,
0.3041

■ 11.6475, 0.5953,
0.3103

■ 11.3363, 0.6117,
0.3143

Harmonies

Analogous

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



41.0190, 0.3195, 0.3108



41.0190, 0.3338, 0.3225



41.0190, 0.3425, 0.3360

Triad

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



41.0190, 0.3338, 0.3225



41.0190, 0.3213, 0.3558



41.0190, 0.2834, 0.3091

Complementary

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



41.0190, 0.3338, 0.3225



49.3013, 0.2951, 0.3356

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.



41.0190, 0.2839, 0.3208



41.0190, 0.3338, 0.3225



41.0190, 0.3055, 0.3483

Square

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



41.0190, 0.3338, 0.3225



41.0190, 0.3351, 0.3556



41.0190, 0.2919, 0.3352



41.0190, 0.2905, 0.3030

Rectangle

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



41.0190, 0.3338, 0.3225



41.0190, 0.3437, 0.3445



41.0190, 0.2919, 0.3352



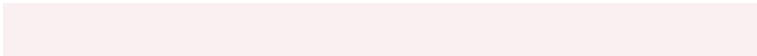
41.0190, 0.2826, 0.3124

Sweetspot

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



41.0208, 0.3338, 0.3225



88.9656, 0.3182, 0.3272



41.2321, 0.3094, 0.2942



18.8319, 0.3192, 0.3268



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.



41.0208, 0.3338, 0.3225



70.0555, 0.3395, 0.3210



43.8544, 0.3369, 0.3396



10.1078, 0.3260, 0.3247



7.6336, 0.6090, 0.3128



0.3393, 0.5492, 0.2799

Inverse Universe

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



41.0208, 0.3338, 0.3225



70.0555, 0.3395, 0.3210



46.0541, 0.2912, 0.3181



10.1078, 0.3260, 0.3247



7.6336, 0.6090, 0.3128



0.3393, 0.5492, 0.2799

Previews

White Background



This preview shows how the Yxy color 41.0190, 0.3338, 0.3225 looks on a white background.

Color Contrast Check

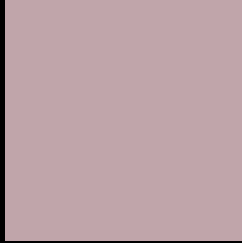
Large Text (above 18pt) WCAG AA × Fail

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 41.0190, 0.3338, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

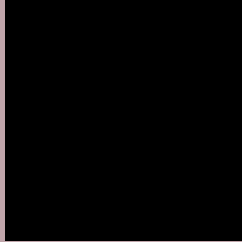
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0190, 0.3338, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 41.0190, 0.3338, 0.3225.



This preview shows how white text looks on a background with the Yxy color 41.0190, 0.3338, 0.3225.

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

41.0190, 0.3338, 0.3225

Protanopia

41.1416, 0.3137, 0.3263

Deuteranopia

40.9935, 0.3308, 0.3238



Tritanopia

41.0627, 0.3285, 0.3122

Trichromacy



Original Color

41.0190, 0.3338, 0.3225

Protanomaly

41.1782, 0.3212, 0.3250

Deuteranomaly

41.1219, 0.3317, 0.3238

Tritanomaly

40.9444, 0.3312, 0.3161

Monochromacy



Original Color

41.0190, 0.3338, 0.3225

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.9667, 0.3201, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0190, 0.3338, 0.3225 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, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 170)  
}
```

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, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 170) }
```

Border

The CSS property to change the border of an element to Yxy 41.0190, 0.3338, 0.3225 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, 165, 170) }
```

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

```
.border{ border-color:rgb(192, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0190, 0.3338, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 170) }
```

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

```
.background{ background-color: rgb(192,  
165, 170) }
```

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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