

Converting Colors

$Yxy(41.1126, 0.3304, 0.3220)$

Have a look what the booklet for
Yxy(41.1126, 0.3304, 0.3220)
contains.

Yxy(41.1599, 0.3308, 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(41.1599, 0.3308, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	BEA6AB
RGB	190, 166, 171
RGB Percent	75%, 65%, 67%
CMY	0.2550, 0.3490, 0.3294
CMYK	0.00, 0.13, 0.10, 0.25
HSL	348°, 16%, 70%
HSV	348°, 13%, 75%
XYZ	42.2192, 41.1599, 44.2485
YIQ	173.7460, 12.6990, 6.6430

Conversions

Conversions Part 2

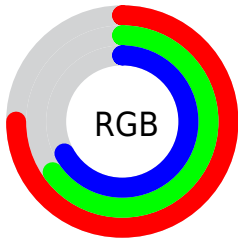
Format	Color
RYB	190, 166, 171
Decimal	12494507
CIELab	70.29, 9.57, 0.63
CIELCh	70, 9.590, 3.771
Yxy	41.1599, 0.3308, 0.3225
Android (android.graphics.Color)	4290684587 (0xFFBEA6AB)
YUV	173.7460, -1.3538, 14.2548
Hunter-Lab	64.1560, 5.1928, 4.0168

Details

The Yxy color $41.1599, 0.3308, 0.3225$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $48.4307, 0.2972, 0.3356$, and the grayscale version is $42.1928, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.7967, 0.3273, 0.3239$, and $18.6008, 0.3355, 0.3201$ is the 20% darker color. If you saturate the color by 10%, you get $34.2153, 0.3490, 0.3170$, and if you desaturate by 10%, it is $49.1938, 0.3161, 0.3277$.

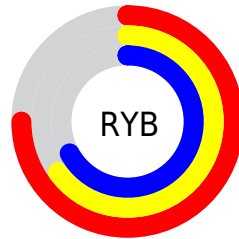
Distribution



Red (75%)

Green (65%)

Blue (67%)



Red (75%)

Yellow (65%)

Blue (67%)

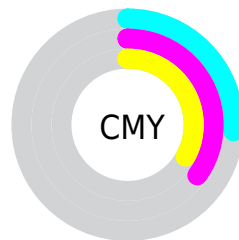


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (25%)



Cyan (26%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1599, 0.3308, 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 41.1599, 0.3308, 0.3225 by changing the saturation by 10% instead.


 41.1599, 0.3308,
0.3225


 41.1599, 0.3308,
0.3225


350.9885, 0.3216,
0.3258

 28.4440, 0.3332,
0.3216


 76.9266, 0.3274,
0.3237

 18.6607, 0.3363,
0.3205


 100.7462, 0.3261,
0.3242

 11.4253, 0.3405,
0.3190


129.0358, 0.3251,
0.3246

 6.3537, 0.3465,
0.3167

162.1799, 0.3242,
0.3249

 3.0613, 0.3558,
0.3133

200.5628, 0.3234,
0.3252

 1.1638, 0.3723,
0.3071

244.5689, 0.3227,

 0.0319, 0.8923,

0.3254

0.1077

294.5827, 0.3221,
0.3257

0.0000, 0.0000,
0.0000

41.1599, 0.3308,
0.3225

41.1599, 0.3308,
0.3225

34.2153, 0.3490,
0.3170

49.1938, 0.3161,
0.3277

28.3077, 0.3713,
0.3114

58.3554, 0.3042,
0.3325

23.3888, 0.3984,
0.3059

68.6880, 0.2945,
0.3369

19.4043, 0.4307,
0.3012

80.2310, 0.2866,
0.3409

16.2947, 0.4678,
0.2979

89.1320, 0.2796,
0.3383

■ 13.9932, 0.5081,
0.2971

■ 89.6851, 0.2752,
0.3289

■ 12.4240, 0.5484,
0.2995

■ 11.4959, 0.5841,
0.3055

■ 11.0954, 0.6057,
0.3110

Harmonies

Analogous

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



41.1599, 0.3179, 0.3123



41.1599, 0.3308, 0.3225



41.1599, 0.3389, 0.3346

Triad

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



41.1599, 0.3308, 0.3225



41.1599, 0.3213, 0.3530



41.1599, 0.2863, 0.3118

Complementary

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



41.1599, 0.3308, 0.3225



48.4307, 0.2972, 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.



41.1599, 0.2872, 0.3225



41.1599, 0.3308, 0.3225



41.1599, 0.3072, 0.3467

Square

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



41.1599, 0.3308, 0.3225



41.1599, 0.3333, 0.3524



41.1599, 0.2948, 0.3354



41.1599, 0.2923, 0.3060

Rectangle

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



41.1599, 0.3308, 0.3225



41.1599, 0.3404, 0.3422



41.1599, 0.2948, 0.3354



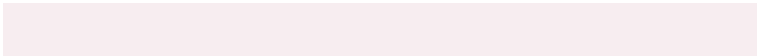
41.1599, 0.2859, 0.3149

Sweetspot

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



41.1617, 0.3308, 0.3225



86.9332, 0.3180, 0.3270



41.2814, 0.3095, 0.2979



18.8353, 0.3191, 0.3266



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.



41.1617, 0.3308, 0.3225



71.1140, 0.3352, 0.3211



43.5103, 0.3342, 0.3380



9.5680, 0.3256, 0.3242



7.3886, 0.6027, 0.3094



0.2991, 0.5361, 0.2727

Inverse Universe

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



41.1617, 0.3308, 0.3225



71.1140, 0.3352, 0.3211



45.7712, 0.2935, 0.3199



9.5680, 0.3256, 0.3242



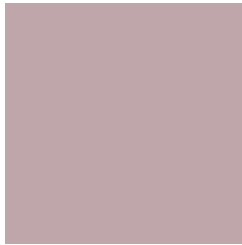
7.3886, 0.6027, 0.3094



0.2991, 0.5361, 0.2727

Previews

White Background



This preview shows how the Yxy color 41.1599, 0.3308, 0.3225 looks on a white background.

Color Contrast Check

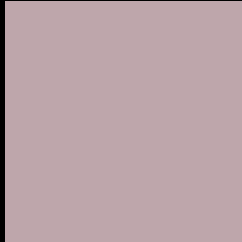
Large Text (above 18pt) WCAG AA × Fail

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 41.1599, 0.3308, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

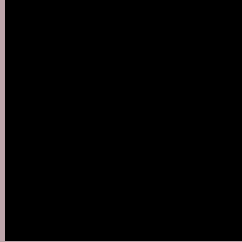
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1599, 0.3308, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 41.1599, 0.3308, 0.3225.



This preview shows how white text looks on a background with the Yxy color 41.1599, 0.3308, 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

41.1599, 0.3308, 0.3225

Protanopia

41.1805, 0.3129, 0.3249

Deuteranopia

41.0315, 0.3299, 0.3225



Tritanopia

41.2010, 0.3256, 0.3122

Trichromacy



Original Color

41.1599, 0.3308, 0.3225

Protanomaly

41.0964, 0.3194, 0.3236

Deuteranomaly

41.0315, 0.3299, 0.3225

Tritanomaly

41.0818, 0.3283, 0.3160

Monochromacy



Original Color

41.1599, 0.3308, 0.3225

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8462, 0.3192, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1599, 0.3308, 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(190, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(190, 166, 171)  
}
```

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(190, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 166, 171) }
```

Border

The CSS property to change the border of an element to Yxy 41.1599, 0.3308, 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(190, 166, 171) }
```

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

```
.border{ border-color:rgb(190, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(190, 166,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1599, 0.3308, 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(190, 166, 171) }
```

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

```
.background{ background-color: rgb(190,  
166, 171) }
```

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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