

Converting Colors

Yxy(39.9341, 0.3286, 0.3304)

Have a look what the booklet for
Yxy(39.9341, 0.3286, 0.3304)
contains.

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Color

Yxy(39.9341, 0.3286, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	B6A6A5
RGB	182, 166, 165
RGB Percent	71%, 65%, 65%
CMY	0.2863, 0.3490, 0.3529
CMYK	0.00, 0.09, 0.09, 0.29
HSL	4°, 10%, 68%
HSV	4°, 9%, 71%
XYZ	39.7165, 39.9341, 41.2153
YIQ	170.6700, 9.8570, 3.0810

Conversions

Conversions Part 2

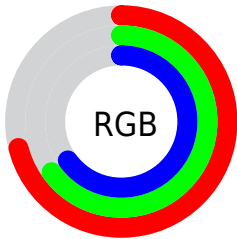
Format	Color
RYB	182, 166, 165
Decimal	11970213
CIELab	69.42, 5.61, 2.60
CIELCh	69, 6.182, 24.917
Yxy	39.9341, 0.3286, 0.3304
Android (android.graphics.Color)	4290160293 (0xFFB6A6A5)
YUV	170.6700, -2.7953, 9.9364
Hunter-Lab	63.1934, 1.5972, 5.5660

Details

The Yxy color $39.9341, 0.3286, 0.3304$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.4172, 0.2986, 0.3276$, and the grayscale version is $40.5612, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.0574, 0.3256, 0.3301$, and $17.8940, 0.3338, 0.3309$ is the 20% darker color. If you saturate the color by 10%, you get $33.5022, 0.3495, 0.3320$, and if you desaturate by 10%, it is $47.2928, 0.3117, 0.3289$.

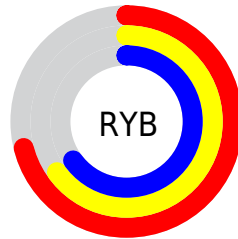
Distribution



Red (71%)

Green (65%)

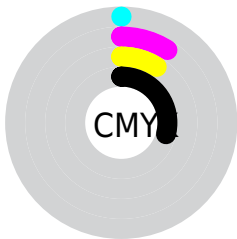
Blue (65%)



Red (71%)

Yellow (65%)

Blue (65%)

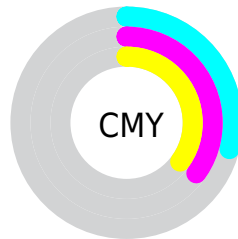


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9341, 0.3286, 0.3304 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 39.9341, 0.3286, 0.3304 by changing the saturation by 10% instead.

 39.9341, 0.3286,
0.3304


 39.9341, 0.3286,
0.3304


345.8457, 0.3204,
0.3297

 27.4872, 0.3307,
0.3306


 75.0632, 0.3256,
0.3302

 17.9394, 0.3335,
0.3307


 98.5141, 0.3245,
0.3301

 10.9065, 0.3373,
0.3310


126.4018, 0.3235,
0.3300

 6.0040, 0.3427,
0.3313

159.1106, 0.3227,
0.3299

 2.8475, 0.3513,
0.3317

197.0251, 0.3220,
0.3299

 1.0527, 0.3668,
0.3322

240.5295, 0.3214,

 0.0000, 1.0000,

0.3298

0.0000

290.0082, 0.3209,
0.3298

0.0000, 0.0000,
0.0000

39.9341, 0.3286,
0.3304

39.9341, 0.3286,
0.3304

33.5022, 0.3495,
0.3320

47.2928, 0.3117,
0.3289

27.9554, 0.3753,
0.3337

55.6076, 0.2980,
0.3275

23.2565, 0.4069,
0.3354

64.9128, 0.2869,
0.3263

19.3637, 0.4445,
0.3369

75.2395, 0.2777,
0.3252

16.2318, 0.4876,
0.3379

86.5530, 0.2707,
0.3253

■ 13.8109, 0.5336,
0.3382

■ 88.6830, 0.2711,
0.3289

■ 12.0453, 0.5774,
0.3374

■ 10.8709, 0.6125,
0.3355

■ 10.2060, 0.6345,
0.3334

Harmonies

Analogous

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



39.9341, 0.3222, 0.3226



39.9341, 0.3286, 0.3304



39.9341, 0.3306, 0.3380

Triad

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



39.9341, 0.3286, 0.3304



39.9341, 0.3119, 0.3420



39.9341, 0.2978, 0.3147

Complementary

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



39.9341, 0.3286, 0.3304



44.4172, 0.2986, 0.3276

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.



39.9341, 0.2951, 0.3197



39.9341, 0.3286, 0.3304



39.9341, 0.3032, 0.3355

Square

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



39.9341, 0.3286, 0.3304



39.9341, 0.3209, 0.3449



39.9341, 0.2971, 0.3273



39.9341, 0.3044, 0.3136

Rectangle

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



39.9341, 0.3286, 0.3304



39.9341, 0.3293, 0.3419



39.9341, 0.2971, 0.3273



39.9341, 0.2964, 0.3160

Sweetspot

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



39.9359, 0.3286, 0.3304



80.5929, 0.3176, 0.3294



40.1979, 0.3145, 0.3076



17.5603, 0.3189, 0.3296



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.9359, 0.3286, 0.3304



70.1256, 0.3322, 0.3307



43.0653, 0.3274, 0.3416



9.0950, 0.3286, 0.3304



7.2224, 0.6349, 0.3341



0.2835, 0.6149, 0.3499

Inverse Universe

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



44.4172, 0.2986, 0.3276



79.7485, 0.2958, 0.3273



41.1288, 0.2985, 0.3161



10.1174, 0.2985, 0.3276



23.0576, 0.2197, 0.3107



0.8405, 0.2210, 0.3158

Previews

White Background



This preview shows how the Yxy color 39.9341, 0.3286, 0.3304 looks on a white background.

Color Contrast Check

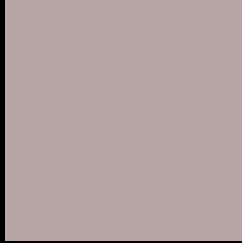
Large Text (above 18pt) WCAG AA × Fail

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 39.9341, 0.3286, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

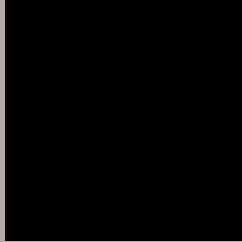
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

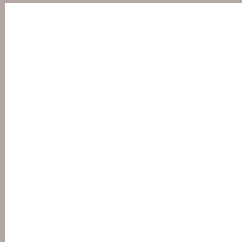
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.9341, 0.3286, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 39.9341, 0.3286, 0.3304.



This preview shows how white text looks on a background with the Yxy color 39.9341, 0.3286, 0.3304.

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

39.9341, 0.3286, 0.3304

Protanopia

40.0502, 0.3181, 0.3318

Deuteranopia

39.8323, 0.3337, 0.3277



Tritanopia

39.9156, 0.3201, 0.3118

Trichromacy



Original Color

39.9341, 0.3286, 0.3304

Protanomaly

39.9885, 0.3218, 0.3318

Deuteranomaly

39.9412, 0.3316, 0.3291

Tritanomaly

39.9947, 0.3226, 0.3183

Monochromacy



Original Color

39.9341, 0.3286, 0.3304

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.3545, 0.3182, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9341, 0.3286, 0.3304 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(182, 166, 165)` looks like.

```
.text, #text, p{  
    color:rgb(182, 166, 165)  
}
```

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(182, 166, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 166, 165) }
```

Border

The CSS property to change the border of an element to Yxy 39.9341, 0.3286, 0.3304 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(182, 166, 165) }
```

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

```
.border{ border-color:rgb(182, 166, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 166, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 166, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 166, 165);  
box-shadow:4px 4px 4px 4px rgb(182, 166,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9341, 0.3286, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 166, 165) }
```

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

```
.background{ background-color: rgb(182,  
166, 165) }
```

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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