

Converting Colors

Yxy(52.3948, 0.3445, 0.3666)

Have a look what the booklet for
Yxy(52.3948, 0.3445, 0.3666)
contains.

Yxy(52.2523, 0.3446, 0.3664)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.2523, 0.3446, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	C9BFA1
RGB	201, 191, 161
RGB Percent	79%, 75%, 63%
CMY	0.2119, 0.2509, 0.3686
CMYK	0.00, 0.05, 0.20, 0.21
HSL	45°, 27%, 71%
HSV	45°, 20%, 79%
XYZ	49.1434, 52.2523, 41.2143
YIQ	190.5700, 15.5900, -7.2100

Conversions

Conversions Part 2

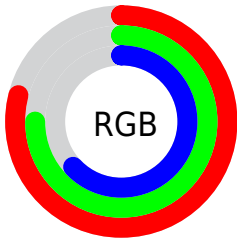
Format	Color
RYB	174, 201, 161
Decimal	13221793
CIELab	77.43, -1.41, 16.41
CIELCh	77, 16.475, 94.919
Yxy	52.2523, 0.3446, 0.3664
Android (android.graphics.Color)	4291411873 (0xFFC9BFA1)
YUV	190.5700, -14.5780, 9.1471
Hunter-Lab	72.2858, -5.1470, 16.7954

Details

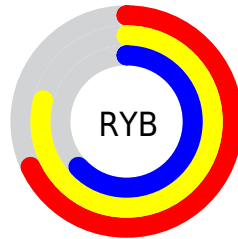
The Yxy color $52.2523, 0.3446, 0.3664$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $40.8981, 0.2808, 0.2886$, and the grayscale version is $51.9161, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.7394, 0.3369, 0.3596$, and $25.4841, 0.3538, 0.3776$ is the 20% darker color. If you saturate the color by 10%, you get $49.4572, 0.3624, 0.3859$, and if you desaturate by 10%, it is $55.2405, 0.3279, 0.3472$.

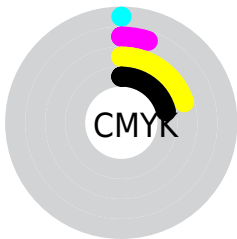
Distribution



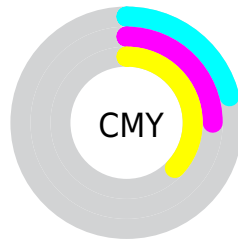
- Red (79%)
- Green (75%)
- Blue (63%)



- Red (68%)
- Yellow (79%)
- Blue (63%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (21%)





- Cyan (21%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2523, 0.3446, 0.3664 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 52.2523, 0.3446, 0.3664 by changing the saturation by 10% instead.

 52.2523, 0.3446,
0.3664


 52.2523, 0.3446,
0.3664


395.4099, 0.3290,
0.3480

 37.2062, 0.3484,
0.3709


 93.5032, 0.3390,
0.3598

 25.3672, 0.3531,
0.3766

 120.4769, 0.3369,
0.3573

 16.3508, 0.3593,
0.3840

152.1951, 0.3351,
0.3552

 9.7728, 0.3677,
0.3941

189.0424, 0.3336,
0.3533

 5.2485, 0.3796,
0.4086

231.4032, 0.3322,
0.3518

 2.3938, 0.3976,
0.4308

279.6617, 0.3310,

 0.8227, 0.4760,

0.3504

0.5240

334.2025, 0.3300,
0.3491

0.0000, 0.0000,
0.0000

52.2523, 0.3446,
0.3664

52.2523, 0.3446,
0.3664

49.4572, 0.3624,
0.3859

55.2405, 0.3279,
0.3472

46.8421, 0.3809,
0.4051

58.4206, 0.3125,
0.3288

44.4026, 0.3997,
0.4231

61.8004, 0.2985,
0.3114

42.1316, 0.4180,
0.4390

65.3851, 0.2858,
0.2952

40.0211, 0.4350,
0.4517

68.7550, 0.2781,
0.2867

■ 38.0622, 0.4499,
0.4602

■ 71.3570, 0.2785,
0.2923

■ 36.2446, 0.4621,
0.4640

■ 74.0376, 0.2789,
0.2978

■ 34.5492, 0.4716,
0.4636

■ 76.7976, 0.2793,
0.3033

■ 34.5300, 0.4718,
0.4636

■ 79.6376, 0.2796,
0.3087

Harmonies

Analogous

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



52.2523, 0.3556, 0.3553



52.2523, 0.3446, 0.3664



52.2523, 0.3252, 0.3673

Triad

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



52.2523, 0.3446, 0.3664



52.2523, 0.2724, 0.3175



52.2523, 0.3216, 0.3033

Complementary

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



52.2523, 0.3446, 0.3664



40.8981, 0.2808, 0.2886

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.



52.2523, 0.2992, 0.2937



52.2523, 0.3446, 0.3664



52.2523, 0.2715, 0.3010

Square

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



52.2523, 0.3446, 0.3664



52.2523, 0.2837, 0.3382



52.2523, 0.2811, 0.2926



52.2523, 0.3421, 0.3193

Rectangle

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



52.2523, 0.3446, 0.3664



52.2523, 0.3102, 0.3615



52.2523, 0.2811, 0.2926



52.2523, 0.3140, 0.2993

Sweetspot

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



52.2546, 0.3446, 0.3664



96.6482, 0.3219, 0.3401



40.8428, 0.3422, 0.3164



20.6102, 0.3230, 0.3413



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



52.2546, 0.3446, 0.3664



87.3312, 0.3524, 0.3751



55.4011, 0.3341, 0.3794



11.9527, 0.3271, 0.3463



21.8716, 0.4708, 0.4643



1.1452, 0.4579, 0.4746

Inverse Universe

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



40.8981, 0.2808, 0.2886



64.2783, 0.2729, 0.2782



38.3629, 0.2884, 0.2761



10.7092, 0.2983, 0.3111



4.2107, 0.1583, 0.0900



0.3184, 0.1700, 0.1319

Previews

White Background



This preview shows how the Yxy color 52.2523, 0.3446, 0.3664 looks on a white background.

Color Contrast Check

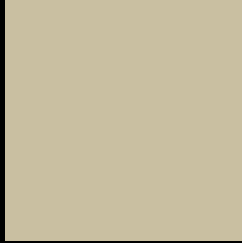
Large Text (above 18pt) WCAG AA × Fail

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 52.2523, 0.3446, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

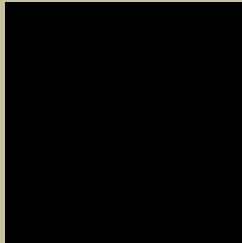
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

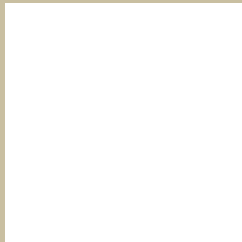
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2523, 0.3446, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 52.2523, 0.3446, 0.3664.



This preview shows how white text looks on a background with the Yxy color 52.2523, 0.3446, 0.3664.

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

52.2523, 0.3446, 0.3664

Protanopia

52.3914, 0.3455, 0.3663

Deuteranopia

52.1053, 0.3624, 0.3551



Tritanopia

52.4098, 0.3185, 0.3124

Trichromacy



Original Color

52.2523, 0.3446, 0.3664

Protanomaly

52.3914, 0.3455, 0.3663

Deuteranomaly

52.2954, 0.3554, 0.3592

Tritanomaly

52.3490, 0.3277, 0.3315

Monochromacy



Original Color

52.2523, 0.3446, 0.3664

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1590, 0.3245, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2523, 0.3446, 0.3664 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(201, 191, 161)` looks like.

```
.text, #text, p{  
    color:rgb(201, 191, 161)  
}
```

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(201, 191, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 191, 161) }
```

Border

The CSS property to change the border of an element to Yxy 52.2523, 0.3446, 0.3664 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(201, 191, 161) }
```

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

```
.border{ border-color:rgb(201, 191, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 191, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 191, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 191, 161);  
box-shadow:4px 4px 4px 4px rgb(201, 191,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2523, 0.3446, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 191, 161) }
```

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

```
.background{ background-color: rgb(201,  
191, 161) }
```

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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