

Converting Colors

Yxy(51.6881, 0.3337, 0.3637)

Have a look what the booklet for
Yxy(51.6881, 0.3337, 0.3637)
contains.

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Color

Yxy(51.6224, 0.3335, 0.3634)

Conversions

Conversions Part 1

Format	Color
Hex	C0C0A5
RGB	192, 192, 165
RGB Percent	75%, 75%, 65%
CMY	0.2471, 0.2470, 0.3530
CMYK	0.00, 0.00, 0.14, 0.25
HSL	60°, 18%, 70%
HSV	60°, 14%, 75%
XYZ	47.3750, 51.6224, 43.0565
YIQ	188.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

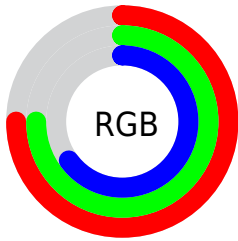
Format	Color
RYB	165, 192, 165
Decimal	12632229
CIELab	77.05, -4.66, 13.64
CIELCh	77, 14.414, 108.865
Yxy	51.6224, 0.3335, 0.3634
Android (android.graphics.Color)	4290822309 (0xFFC0C0A5)
YUV	188.9220, -11.7935, 2.6994
Hunter-Lab	71.8487, -8.0375, 14.7636

Details

The Yxy color **51.6224, 0.3335, 0.3634** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.7118, 0.2904, 0.2921**, and the grayscale version is **50.9063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4418, 0.3303, 0.3569**, and **25.0608, 0.3386, 0.3739** is the 20% darker color. If you saturate the color by 10%, you get **50.9746, 0.3486, 0.3883**, and if you desaturate by 10%, it is **52.3797, 0.3186, 0.3388**.

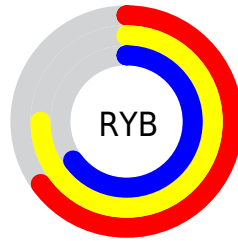
Distribution



Red (75%)

Green (75%)

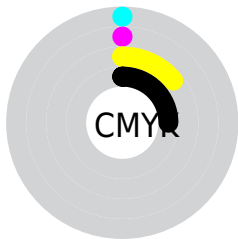
Blue (65%)



Red (65%)

Yellow (75%)

Blue (65%)

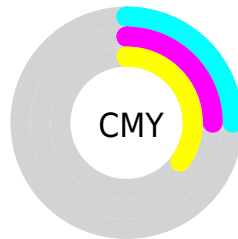


Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (25%)



Cyan (25%)


Magenta (25%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6224, 0.3335, 0.3634 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 51.6224, 0.3335, 0.3634 by changing the saturation by 10% instead.


 51.6224, 0.3335,
0.3634

 51.6224, 0.3335,
0.3634


392.9771, 0.3234,
0.3463

 36.7042, 0.3359,
0.3676


 92.5741, 0.3299,
0.3572

 24.9785, 0.3390,
0.3730


 119.3764, 0.3285,
0.3549

 16.0611, 0.3430,
0.3801


150.9089, 0.3273,
0.3529

 9.5674, 0.3485,
0.3900

187.5559, 0.3263,
0.3512

 5.1131, 0.3561,
0.4044

229.7018, 0.3254,
0.3498

 2.3138, 0.3677,
0.4275

277.7310, 0.3247,

 0.7810, 0.4459,

0.3485

0.5541

332.0280, 0.3240,
0.3473

0.0000, 0.0000,
0.0000

51.6224, 0.3335,
0.3634

51.6224, 0.3335,
0.3634

50.9746, 0.3486,
0.3883

52.3797, 0.3186,
0.3388

50.4249, 0.3634,
0.4129

53.2441, 0.3043,
0.3151

49.9705, 0.3774,
0.4361


54.2219, 0.2908,
0.2927

49.6059, 0.3900,
0.4570


55.3171, 0.2782,
0.2719

49.3251, 0.4007,
0.4747


56.1415, 0.2701,
0.2585

 49.1215, 0.4090,
0.4885


 56.1441, 0.2701,
0.2585


 48.9873, 0.4148,
0.4981

 56.1467, 0.2702,
0.2585

 48.9130, 0.4180,
0.5035

 56.1493, 0.2702,
0.2585

 48.8865, 0.4191,
0.5054

 56.1518, 0.2702,
0.2585

Harmonies

Analogous

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



51.6224, 0.3471, 0.3577



51.6224, 0.3335, 0.3634



51.6224, 0.3146, 0.3594

Triad

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



51.6224, 0.3335, 0.3634



51.6224, 0.2756, 0.3115



51.6224, 0.3294, 0.3124

Complementary

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



51.6224, 0.3335, 0.3634



38.7118, 0.2904, 0.2921

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.



51.6224, 0.3099, 0.3009



51.6224, 0.3335, 0.3634



51.6224, 0.2792, 0.3000

Square

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



51.6224, 0.3335, 0.3634



51.6224, 0.2815, 0.3286



51.6224, 0.2916, 0.2963



51.6224, 0.3448, 0.3281

Rectangle

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



51.6224, 0.3335, 0.3634



51.6224, 0.3017, 0.3516



51.6224, 0.2916, 0.2963



51.6224, 0.3231, 0.3079

Sweetspot

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



51.6247, 0.3335, 0.3634



94.8983, 0.3186, 0.3388



40.8288, 0.3384, 0.3291



20.3351, 0.3197, 0.3406



97.7402, 0.3127, 0.3290



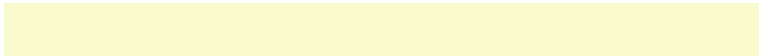
20.4902, 0.3127, 0.3290

Same Dimension

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



51.6247, 0.3335, 0.3634



93.1319, 0.3383, 0.3714



49.9444, 0.3221, 0.3646



11.7578, 0.3265, 0.3518



32.8912, 0.4191, 0.5054



1.4213, 0.4192, 0.5054

Inverse Universe

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



38.7118, 0.2904, 0.2921



65.0557, 0.2848, 0.2828



40.2351, 0.3022, 0.2934



9.7485, 0.2983, 0.3052



2.5619, 0.1501, 0.0600



0.1109, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 51.6224, 0.3335, 0.3634 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 51.6224, 0.3335, 0.3634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

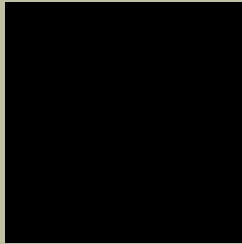
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6224, 0.3335, 0.3634

Background



This preview shows how black text looks on a background with the Yxy color 51.6224, 0.3335, 0.3634.



This preview shows how white text looks on a background with the Yxy color 51.6224, 0.3335, 0.3634.

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

51.6224, 0.3335, 0.3634

Protanopia

51.7866, 0.3416, 0.3615

Deuteranopia

51.4087, 0.3557, 0.3482



Tritanopia

51.6752, 0.3095, 0.3108

Trichromacy



Original Color

51.6224, 0.3335, 0.3634

Protanomaly

51.8123, 0.3388, 0.3630

Deuteranomaly

51.2809, 0.3478, 0.3535

Tritanomaly

51.6714, 0.3177, 0.3290

Monochromacy



Original Color

51.6224, 0.3335, 0.3634

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0693, 0.3204, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6224, 0.3335, 0.3634 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, 192, 165)` looks like.

```
.text, #text, p{  
    color:rgb(192, 192, 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(192, 192, 165) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 51.6224, 0.3335, 0.3634 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, 192, 165) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 51.6224, 0.3335, 0.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(192,  
192, 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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