

Converting Colors

$Yxy(50.2268, 0.3396, 0.3624)$

Have a look what the booklet for
Yxy(50.2268, 0.3396, 0.3624)
contains.

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Color

Yxy(50.1772, 0.3392, 0.3621)

Conversions

Conversions Part 1

Format	Color
Hex	C3BCA2
RGB	195, 188, 162
RGB Percent	76%, 74%, 64%
CMY	0.2354, 0.2627, 0.3647
CMYK	0.00, 0.04, 0.17, 0.24
HSL	47°, 22%, 70%
HSV	47°, 17%, 76%
XYZ	47.0039, 50.1772, 41.3917
YIQ	187.1290, 12.5180, -6.6020

Conversions

Conversions Part 2

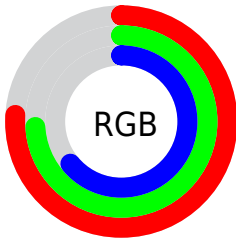
Format	Color
RYB	171, 195, 162
Decimal	12827810
CIELab	76.18, -1.92, 14.05
CIELCh	76, 14.176, 97.784
Yxy	50.1772, 0.3392, 0.3621
Android (android.graphics.Color)	4291017890 (0xFFC3BCA2)
YUV	187.1290, -12.3886, 6.9029
Hunter-Lab	70.8359, -5.5172, 14.9400

Details

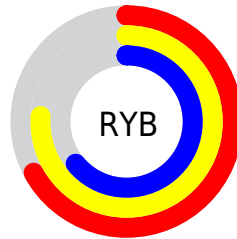
The Yxy color **50.1772, 0.3392, 0.3621** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9792, 0.2858, 0.2936**, and the grayscale version is **49.8354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4066, 0.3347, 0.3559**, and **24.1165, 0.3466, 0.3722** is the 20% darker color. If you saturate the color by 10%, you get **47.8074, 0.3563, 0.3824**, and if you desaturate by 10%, it is **52.7090, 0.3231, 0.3422**.

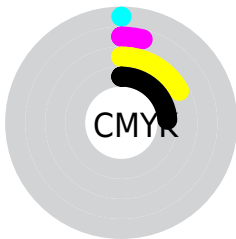
Distribution



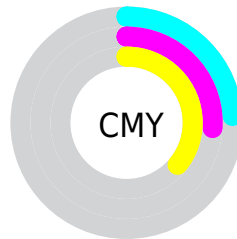
- Red (76%)
- Green (74%)
- Blue (64%)



- Red (67%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (24%)




- Cyan (24%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1772, 0.3392, 0.3621 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 50.1772, 0.3392, 0.3621 by changing the saturation by 10% instead.


 50.1772, 0.3392,
0.3621

 50.1772, 0.3392,
0.3621


387.3585, 0.3262,
0.3457

 35.5542, 0.3424,
0.3661


 90.4374, 0.3345,
0.3562

 24.0901, 0.3464,
0.3713


 116.8433, 0.3327,
0.3539

 15.4005, 0.3517,
0.3781


147.9458, 0.3312,
0.3520

 9.1009, 0.3590,
0.3875

184.1290, 0.3299,
0.3504

 4.8071, 0.3694,
0.4012

225.7776, 0.3288,
0.3490

 2.1345, 0.3854,
0.4228

273.2757, 0.3278,

 0.6839, 0.4686,

0.3478

0.5314

327.0079, 0.3269,
0.3467

0.0000, 0.0000,
0.0000

50.1772, 0.3392,
0.3621

50.1772, 0.3392,
0.3621

47.8074, 0.3563,
0.3824

52.7090, 0.3231,
0.3422

45.5875, 0.3740,
0.4025

55.4012, 0.3082,
0.3232

43.5140, 0.3919,
0.4217

58.2606, 0.2946,
0.3053

41.5808, 0.4093,
0.4390

61.2919, 0.2822,
0.2887

39.7810, 0.4255,
0.4533

64.2069, 0.2736,
0.2778

■ 38.1069, 0.4397,
0.4637

■ 66.2446, 0.2740,
0.2825

■ 36.5495, 0.4513,
0.4697

■ 68.3347, 0.2744,
0.2871

■ 35.0971, 0.4600,
0.4710

■ 70.4776, 0.2748,
0.2918

■ 34.6623, 0.4624,
0.4710

■ 72.6736, 0.2752,
0.2964

Harmonies

Analogous

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



50.1772, 0.3496, 0.3533



50.1772, 0.3392, 0.3621



50.1772, 0.3218, 0.3618

Triad

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



50.1772, 0.3392, 0.3621



50.1772, 0.2770, 0.3175



50.1772, 0.3223, 0.3076

Complementary

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



50.1772, 0.3392, 0.3621



39.9792, 0.2858, 0.2936

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.



50.1772, 0.3027, 0.2985



50.1772, 0.3392, 0.3621



50.1772, 0.2770, 0.3036

Square

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



50.1772, 0.3392, 0.3621



50.1772, 0.2861, 0.3353



50.1772, 0.2863, 0.2969



50.1772, 0.3398, 0.3221

Rectangle

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



50.1772, 0.3392, 0.3621



50.1772, 0.3088, 0.3562



50.1772, 0.2863, 0.2969



50.1772, 0.3158, 0.3039

Sweetspot

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



50.1794, 0.3392, 0.3621



95.3006, 0.3203, 0.3387



40.3098, 0.3379, 0.3198



20.7958, 0.3214, 0.3401



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.



50.1794, 0.3392, 0.3621



88.4302, 0.3449, 0.3690



52.0157, 0.3299, 0.3716



11.3861, 0.3270, 0.3471



22.6626, 0.4617, 0.4716



1.0717, 0.4505, 0.4805

Inverse Universe

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



39.9792, 0.2858, 0.2936



66.9979, 0.2800, 0.2856



38.4774, 0.2935, 0.2849



10.0845, 0.2983, 0.3103



3.6975, 0.1564, 0.0830



0.2624, 0.1681, 0.1251

Previews

White Background



This preview shows how the Yxy color 50.1772, 0.3392, 0.3621 looks on a white background.

Color Contrast Check

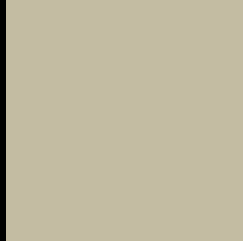
Large Text (above 18pt) WCAG AA × Fail

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 50.1772, 0.3392, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

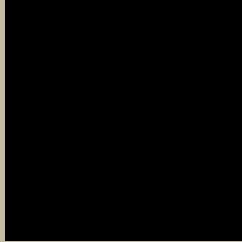
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

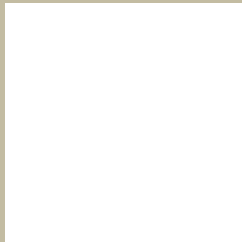
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1772, 0.3392, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 50.1772, 0.3392, 0.3621.



This preview shows how white text looks on a background with the Yxy color 50.1772, 0.3392, 0.3621.

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

50.1772, 0.3392, 0.3621

Protanopia

50.0196, 0.3412, 0.3607

Deuteranopia

50.1392, 0.3579, 0.3508



Tritanopia

50.1776, 0.3160, 0.3120

Trichromacy



Original Color

50.1772, 0.3392, 0.3621

Protanomaly

49.8850, 0.3403, 0.3608

Deuteranomaly

50.3352, 0.3508, 0.3549

Tritanomaly

50.1644, 0.3245, 0.3303

Monochromacy



Original Color

50.1772, 0.3392, 0.3621

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7021, 0.3223, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1772, 0.3392, 0.3621 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(195, 188, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 188, 162)  
}
```

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(195, 188, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 188, 162) }
```

Border

The CSS property to change the border of an element to Yxy 50.1772, 0.3392, 0.3621 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(195, 188, 162) }
```

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

```
.border{ border-color:rgb(195, 188, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 188, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 188, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 188, 162);  
box-shadow:4px 4px 4px 4px rgb(195, 188,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1772, 0.3392, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 188, 162) }
```

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

```
.background{ background-color: rgb(195,  
188, 162) }
```

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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