

Converting Colors

Yxy(39.9006, 0.3162, 0.2694)

Have a look what the booklet for
Yxy(39.9006, 0.3162, 0.2694)
contains.

Yxy(39.7432, 0.3165, 0.2694)	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(39.7432, 0.3165, 0.2694)

Conversions

Conversions Part 1

Format	Color
Hex	CB99CA
RGB	203, 153, 202
RGB Percent	80%, 60%, 79%
CMY	0.2037, 0.4001, 0.2078
CMYK	0.00, 0.25, 0.01, 0.20
HSL	301°, 33%, 70%
HSV	301°, 25%, 80%
XYZ	46.6916, 39.7432, 61.0900
YIQ	173.5360, 14.0710, 25.8390

Conversions

Conversions Part 2

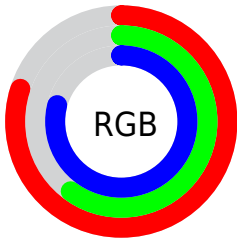
Format	Color
R _{YB}	203, 153, 202
Decimal	13343178
CIE _{Lab}	69.29, 26.91, -17.91
CIE _{LCh}	69, 32.324, 326.352
Yxy	39.7432, 0.3165, 0.2694
Android (android.graphics.Color)	4291533258 (0xFFFCB99CA)
YUV	173.5360, 14.0328, 25.8399
Hunter-Lab	63.0422, 21.8805, -13.3245

Details

The Yxy color $39.7432, 0.3165, 0.2694$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $51.8421, 0.3088, 0.3968$, and the grayscale version is $42.0010, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.5918, 0.3149, 0.2831$, and $17.7414, 0.3163, 0.2526$ is the 20% darker color. If you saturate the color by 10%, you get $33.6349, 0.3181, 0.2454$, and if you desaturate by 10%, it is $46.9860, 0.3149, 0.2938$.

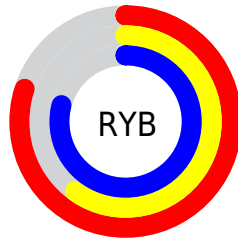
Distribution



Red (80%)

Green (60%)

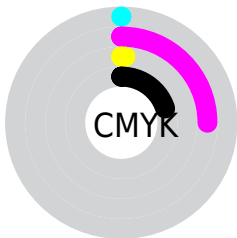
Blue (79%)



Red (80%)

Yellow (60%)

Blue (79%)

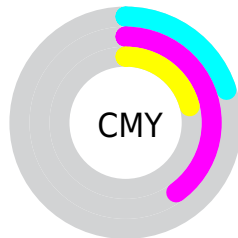


Cyan (0%)

Magenta (25%)

Yellow (1%)

Black (20%)



Cyan (20%)


Magenta (40%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7432, 0.3165, 0.2694 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 39.7432, 0.3165, 0.2694 by changing the saturation by 10% instead.


 39.7432, 0.3165,
0.2694


 39.7432, 0.3165,
0.2694


345.0400, 0.3151,
0.2985

 27.3384, 0.3167,
0.2624


 74.7723, 0.3161,
0.2798

 17.8275, 0.3168,
0.2534


 98.1654, 0.3160,
0.2838

 10.8262, 0.3168,
0.2418


125.9900, 0.3158,
0.2872

 5.9501, 0.3166,
0.2261

158.6306, 0.3156,
0.2901

 2.8148, 0.3155,
0.2036

196.4714, 0.3155,
0.2926

 1.0358, 0.3123,
0.1695

239.8970, 0.3154,

 0.0000, 0.3301,

0.2948

0.0000

289.2918, 0.3153,
0.2968

■ 0.0000, 0.0000,
0.0000

■ 39.7432, 0.3165,
0.2694

■ 39.7432, 0.3165,
0.2694

■ 33.6349, 0.3181,
0.2454

■ 46.9860, 0.3149,
0.2938

■ 28.5987, 0.3197,
0.2228

■ 55.4113, 0.3134,
0.3180

■ 24.5740, 0.3213,
0.2025

■ 65.0706, 0.3120,
0.3413

■ 21.4921, 0.3227,
0.1854

■ 76.0110, 0.3107,
0.3634

■ 19.2761, 0.3240,
0.1722

■ 88.2768, 0.3095,
0.3839

■ 17.8365, 0.3250,
0.1633

■ 88.6106, 0.3092,
0.3839

■ 17.0647, 0.3259,
0.1585

■ 88.6311, 0.3090,
0.3834

■ 16.8184, 0.3262,
0.1571

■ 88.6517, 0.3088,
0.3830

■ 88.6723, 0.3085,
0.3825

Harmonies

Analogous

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



39.7432, 0.2710, 0.2542



39.7432, 0.3165, 0.2694



39.7432, 0.3642, 0.2978

Triad

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



39.7432, 0.3165, 0.2694



39.7432, 0.3890, 0.4025



39.7432, 0.2335, 0.3142

Complementary

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



39.7432, 0.3165, 0.2694



51.8421, 0.3088, 0.3968

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.



39.7432, 0.2609, 0.3616



39.7432, 0.3165, 0.2694



39.7432, 0.3504, 0.4154

Square

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



39.7432, 0.3165, 0.2694



39.7432, 0.4075, 0.3717



39.7432, 0.3034, 0.4009



39.7432, 0.2260, 0.2762

Rectangle

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



39.7432, 0.3165, 0.2694



39.7432, 0.3896, 0.3215



39.7432, 0.3034, 0.4009



39.7432, 0.2405, 0.3297

Sweetspot

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



39.7449, 0.3165, 0.2694



89.1112, 0.3138, 0.3122



33.9426, 0.2715, 0.2598



18.8829, 0.3138, 0.3107



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.



39.7449, 0.3165, 0.2694



60.4173, 0.3174, 0.2555



38.6621, 0.3397, 0.2986



11.3995, 0.3141, 0.3066



10.6985, 0.3262, 0.1570



0.5532, 0.3251, 0.1564

Inverse Universe

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



39.7449, 0.3165, 0.2694



60.4173, 0.3174, 0.2555



52.7567, 0.2922, 0.3616



11.3995, 0.3141, 0.3066



10.6985, 0.3262, 0.1570



0.5532, 0.3251, 0.1564

Previews

White Background



This preview shows how the Yxy color 39.7432, 0.3165, 0.2694 looks on a white background.

Color Contrast Check

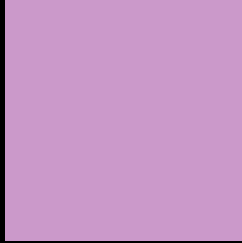
Large Text (above 18pt) WCAG AA × Fail

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 39.7432, 0.3165, 0.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

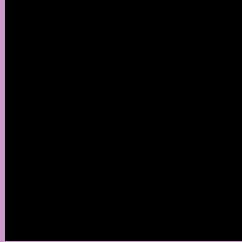
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7432, 0.3165, 0.2694

Background



This preview shows how black text looks on a background with the Yxy color 39.7432, 0.3165, 0.2694.



This preview shows how white text looks on a background with the Yxy color 39.7432, 0.3165, 0.2694.

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

39.7432, 0.3165, 0.2694

Protanopia

40.1297, 0.2711, 0.2707

Deuteranopia

39.7383, 0.2893, 0.2827



Tritanopia

39.8787, 0.3406, 0.3137

Trichromacy



Original Color

39.7432, 0.3165, 0.2694

Protanomaly

39.8624, 0.2865, 0.2709

Deuteranomaly

39.7741, 0.2989, 0.2776

Tritanomaly

39.7707, 0.3315, 0.2975

Monochromacy



Original Color

39.7432, 0.3165, 0.2694

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.0474, 0.3147, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7432, 0.3165, 0.2694 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(203, 153, 202)` looks like.

```
.text, #text, p{  
    color:rgb(203, 153, 202)  
}
```

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(203, 153, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 153, 202) }
```

Border

The CSS property to change the border of an element to Yxy 39.7432, 0.3165, 0.2694 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(203, 153, 202) }
```

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

```
.border{ border-color:rgb(203, 153, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 153, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 153, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 153, 202);  
box-shadow:4px 4px 4px 4px rgb(203, 153,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7432, 0.3165, 0.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 153, 202) }
```

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

```
.background{ background-color: rgb(203,  
153, 202) }
```

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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