

Converting Colors

$Yxy(33.2504, 0.3108, 0.2637)$

Have a look what the booklet for
Yxy(33.2504, 0.3108, 0.2637)
contains.

Yxy(33.2504, 0.3108, 0.2637)	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(33.2504, 0.3108, 0.2637)

Conversions

Conversions Part 1

Format	Color
Hex	BA8DBF
RGB	186, 141, 191
RGB Percent	73%, 55%, 75%
CMY	0.2704, 0.4471, 0.2509
CMYK	0.03, 0.26, 0.00, 0.25
HSL	294°, 28%, 65%
HSV	294°, 26%, 75%
XYZ	39.1893, 33.2504, 53.6520
YIQ	160.1550, 10.7700, 25.0900

Conversions

Conversions Part 2

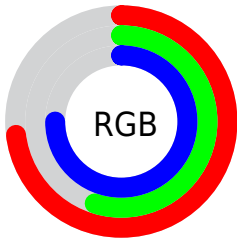
Format	Color
RYB	186, 141, 191
Decimal	12225983
CIELab	64.36, 25.75, -19.41
CIELCh	64, 32.250, 322.992
Yxy	33.2504, 0.3108, 0.2637
Android (android.graphics.Color)	4290416063 (0xFFBA8DBF)
YUV	160.1550, 15.2066, 22.6661
Hunter-Lab	57.6632, 20.4025, -14.8015

Details

The Yxy color **33.2504, 0.3108, 0.2637** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.2973, 0.3132, 0.4021**, and the grayscale version is **35.1561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8003, 0.3122, 0.2761**, and **14.0240, 0.3095, 0.2454** is the 20% darker color. If you saturate the color by 10%, you get **27.8613, 0.3096, 0.2386**, and if you desaturate by 10%, it is **39.6169, 0.3117, 0.2891**.

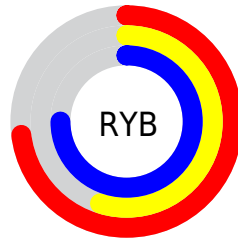
Distribution



Red (73%)

Green (55%)

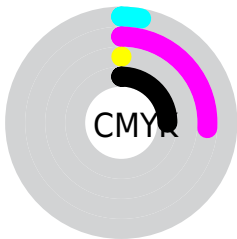
Blue (75%)



Red (73%)

Yellow (55%)

Blue (75%)

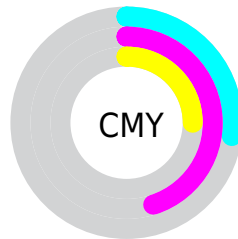


Cyan (3%)

Magenta (26%)

Yellow (0%)

Black (25%)



Cyan (27%)


Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2504, 0.3108, 0.2637 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 33.2504, 0.3108, 0.2637 by changing the saturation by 10% instead.


 33.2504, 0.3108,
0.2637


 33.2504, 0.3108,
0.2637


316.7765, 0.3125,
0.2964


 22.3183, 0.3102,
0.2555


 64.7663, 0.3116,
0.2756

 14.0910, 0.3092,
0.2451


 86.1189, 0.3118,
0.2801

 8.1840, 0.3076,
0.2312


 111.7138, 0.3120,
0.2838

 4.2129, 0.3049,
0.2120

141.9353, 0.3121,
0.2871

 1.7934, 0.2998,
0.1840

177.1680, 0.3122,
0.2899

 0.4830, 0.2927,
0.1271

217.7962, 0.3123,

 0.0000, 0.0498,

0.2924

0.0000

264.2042, 0.3124,
0.2945

0.0000, 0.0000,
0.0000

33.2504, 0.3108,
0.2637

33.2504, 0.3108,
0.2637

27.8613, 0.3096,
0.2386

39.6169, 0.3117,
0.2891

23.3956, 0.3081,
0.2146

47.0029, 0.3124,
0.3140

19.8002, 0.3063,
0.1928

55.4531, 0.3129,
0.3379

17.0152, 0.3042,
0.1740

65.0083, 0.3131,
0.3605

14.9730, 0.3019,
0.1592

75.7072, 0.3132,
0.3813

■ 13.5950, 0.2995,
0.1486

■ 87.2098, 0.3132,
0.4000

■ 12.7803, 0.2970,
0.1423

■ 87.4680, 0.3144,
0.3997

■ 12.5407, 0.2960,
0.1404

■ 87.7293, 0.3156,
0.3995

■ 87.9940, 0.3168,
0.3992

Harmonies

Analogous

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



33.2504, 0.2640, 0.2495



33.2504, 0.3108, 0.2637



33.2504, 0.3619, 0.2921

Triad

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



33.2504, 0.3108, 0.2637



33.2504, 0.3967, 0.4035



33.2504, 0.2313, 0.3185

Complementary

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



33.2504, 0.3108, 0.2637



45.2973, 0.3132, 0.4021

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.



33.2504, 0.2623, 0.3691



33.2504, 0.3108, 0.2637



33.2504, 0.3576, 0.4204

Square

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



33.2504, 0.3108, 0.2637



33.2504, 0.4135, 0.3694



33.2504, 0.3082, 0.4088



33.2504, 0.2211, 0.2766

Rectangle

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



33.2504, 0.3108, 0.2637



33.2504, 0.3903, 0.3165



33.2504, 0.3082, 0.4088



33.2504, 0.2395, 0.3352

Sweetspot

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



33.2518, 0.3108, 0.2637



81.4653, 0.3123, 0.3093



29.9759, 0.2687, 0.2627



17.4319, 0.3122, 0.3055



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.



33.2518, 0.3108, 0.2637



54.2193, 0.3102, 0.2503



33.0627, 0.3356, 0.2892



9.6469, 0.3122, 0.3063



8.2597, 0.2964, 0.1406



0.3376, 0.3026, 0.1441

Inverse Universe

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



32.1959, 0.3624, 0.3224



52.0653, 0.3763, 0.3210



45.5030, 0.2951, 0.3725



9.5513, 0.3273, 0.3268



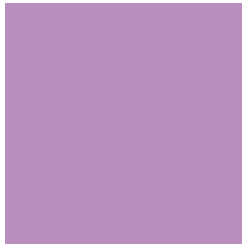
7.3157, 0.6269, 0.3227



0.2918, 0.5844, 0.2993

Previews

White Background



This preview shows how the Yxy color 33.2504, 0.3108, 0.2637 looks on a white background.

Color Contrast Check

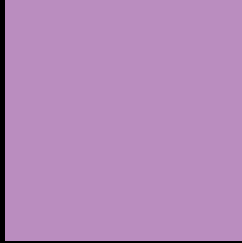
Large Text (above 18pt) WCAG AA × Fail

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 33.2504, 0.3108, 0.2637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

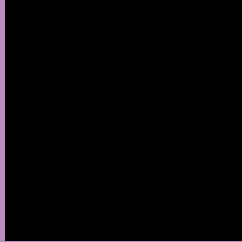
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.2504, 0.3108, 0.2637

Background



This preview shows how black text looks on a background with the Yxy color 33.2504, 0.3108, 0.2637.



This preview shows how white text looks on a background with the Yxy color 33.2504, 0.3108, 0.2637.

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

33.2504, 0.3108, 0.2637

Protanopia

33.5890, 0.2652, 0.2638

Deuteranopia

33.4252, 0.2834, 0.2778



Tritanopia

33.1598, 0.3374, 0.3137

Trichromacy



Original Color

33.2504, 0.3108, 0.2637

Protanomaly

33.2148, 0.2803, 0.2639

Deuteranomaly

33.3196, 0.2923, 0.2723

Tritanomaly

33.2204, 0.3277, 0.2950

Monochromacy



Original Color

33.2504, 0.3108, 0.2637

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.1578, 0.3119, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2504, 0.3108, 0.2637 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(186, 141, 191)` looks like.

```
.text, #text, p{  
    color:rgb(186, 141, 191)  
}
```

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(186, 141, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 141, 191) }
```

Border

The CSS property to change the border of an element to Yxy 33.2504, 0.3108, 0.2637 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(186, 141, 191) }
```

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

```
.border{ border-color:rgb(186, 141, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 141, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 141, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 141, 191);  
box-shadow:4px 4px 4px 4px rgb(186, 141,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2504, 0.3108, 0.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 141, 191) }
```

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

```
.background{ background-color: rgb(186,  
141, 191) }
```

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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