

Converting Colors

$Y_{xy}(32.5048, 0.3536, 0.2504)$

Have a look what the booklet for
Yxy(32.5048, 0.3536, 0.2504)
contains.

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Color

Yxy(32.5934, 0.3533, 0.2508)

Conversions

Conversions Part 1

Format	Color
Hex	DE78BC
RGB	222, 120, 188
RGB Percent	87%, 47%, 74%
CMY	0.1295, 0.5293, 0.2627
CMYK	0.00, 0.46, 0.15, 0.13
HSL	320°, 61%, 67%
HSV	320°, 46%, 87%
XYZ	45.9141, 32.5934, 51.4503
YIQ	158.2500, 38.9640, 42.7720

Conversions

Conversions Part 2

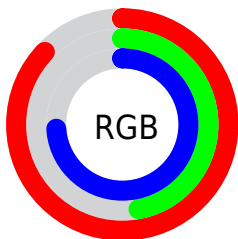
Format	Color
R _{YB}	222, 120, 188
Decimal	14579900
CIE _{Lab}	63.83, 48.22, -18.14
CIE _{LCh}	64, 51.521, 339.386
Yxy	32.5934, 0.3533, 0.2508
Android (android.graphics.Color)	4292769980 (0xFFDE78BC)
YUV	158.2500, 14.6668, 55.9087
Hunter-Lab	57.0906, 43.6467, -13.4689

Details

The Yxy color **32.5934, 0.3533, 0.2508** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **58.5607, 0.2876, 0.4242**, and the grayscale version is **34.2322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4516, 0.3249, 0.2605**, and **13.7629, 0.3644, 0.2291** is the 20% darker color. If you saturate the color by 10%, you get **27.5485, 0.3659, 0.2357**, and if you desaturate by 10%, it is **38.8953, 0.3420, 0.2676**.

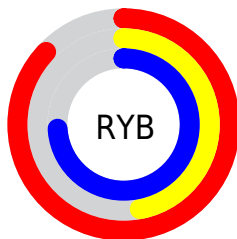
Distribution



Red (87%)

Green (47%)

Blue (74%)



Red (87%)

Yellow (47%)

Blue (74%)

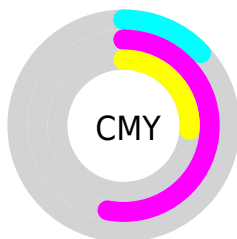


Cyan (0%)

Magenta (46%)

Yellow (15%)

Black (13%)



Cyan (13%)


Magenta (53%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5934, 0.3533, 0.2508 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 32.5934, 0.3533, 0.2508 by changing the saturation by 10% instead.


 32.5934, 0.3533,
0.2508


 32.5934, 0.3533,
0.2508


313.8136, 0.3331,
0.2894

 21.8151, 0.3583,
0.2414


 63.7402, 0.3460,
0.2647

 13.7211, 0.3646,
0.2294


 84.8775, 0.3433,
0.2700

 7.9270, 0.3729,
0.2137


 110.2367, 0.3409,
0.2744

 4.0483, 0.3843,
0.1924

140.2021, 0.3389,
0.2783

 1.7006, 0.4008,
0.1622

175.1580, 0.3372,
0.2816

 0.4240, 0.4335,
0.1012

215.4890, 0.3357,


 0.0000, 0.5017,


0.2845

0.0000


261.5794, 0.3343,
0.2871


 0.0000, 0.0000,
0.0000


 32.5934, 0.3533,
0.2508


 32.5934, 0.3533,
0.2508


 27.5485, 0.3659,
0.2357


 38.8953, 0.3420,
0.2676

 23.6689, 0.3796,
0.2233

 46.5283, 0.3322,
0.2850


 20.8581, 0.3941,
0.2147

 55.5660, 0.3237,
0.3024


 19.0016, 0.4087,
0.2109

 66.0754, 0.3164,
0.3194

 17.9578, 0.4231,
0.2122


 78.1191, 0.3104,
0.3354

 17.6654, 0.4289,
0.2136

 91.7563, 0.3053,
0.3505

 93.3254, 0.3011,
0.3445

 93.7736, 0.2971,
0.3369

 94.2399, 0.2931,
0.3294

Harmonies

Analogous

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



32.5934, 0.2724, 0.2183



32.5934, 0.3533, 0.2508



32.5934, 0.4304, 0.2996

Triad

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



32.5934, 0.3533, 0.2508



32.5934, 0.4094, 0.4639



32.5934, 0.1766, 0.2688

Complementary

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



32.5934, 0.3533, 0.2508



58.5607, 0.2876, 0.4242

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.



32.5934, 0.2037, 0.3461



32.5934, 0.3533, 0.2508



32.5934, 0.3362, 0.4773

Square

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



32.5934, 0.3533, 0.2508



32.5934, 0.4606, 0.4154



32.5934, 0.2608, 0.4316



32.5934, 0.1800, 0.2228

Rectangle

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



32.5934, 0.3533, 0.2508



32.5934, 0.4630, 0.3372



32.5934, 0.2608, 0.4316



32.5934, 0.1821, 0.2915

Sweetspot

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



32.5949, 0.3533, 0.2508



78.5570, 0.3223, 0.3056



25.4150, 0.2520, 0.1946



16.1854, 0.3239, 0.3018



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.



32.5949, 0.3533, 0.2508



38.0316, 0.3652, 0.2364



30.8195, 0.4132, 0.3070



13.8539, 0.3188, 0.3135



10.5161, 0.4269, 0.2125



0.7453, 0.4064, 0.2013

Inverse Universe

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



32.5949, 0.3533, 0.2508



38.0316, 0.3652, 0.2364



60.5534, 0.2609, 0.3536



13.8539, 0.3188, 0.3135



10.5161, 0.4269, 0.2125



0.7453, 0.4064, 0.2013

Previews

White Background



This preview shows how the Yxy color 32.5934, 0.3533, 0.2508 looks on a white background.

Color Contrast Check

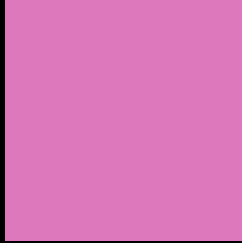
Large Text (above 18pt) WCAG AA × Fail

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 32.5934, 0.3533, 0.2508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

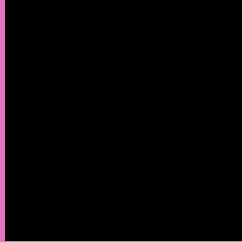
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5934, 0.3533, 0.2508

Background



This preview shows how black text looks on a background with the Yxy color 32.5934, 0.3533, 0.2508.



This preview shows how white text looks on a background with the Yxy color 32.5934, 0.3533, 0.2508.

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

32.5934, 0.3533, 0.2508

Protanopia

32.9392, 0.2527, 0.2466

Deuteranopia

32.7202, 0.2900, 0.2831



Tritanopia

32.6104, 0.4018, 0.3170

Trichromacy



Original Color

32.5934, 0.3533, 0.2508



Protanomaly

31.7966, 0.2839, 0.2462



Deuteranomaly

32.0827, 0.3115, 0.2687



Tritanomaly

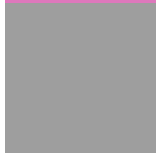
32.4161, 0.3850, 0.2918

Monochromacy



Original Color

32.5934, 0.3533, 0.2508



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

32.6348, 0.3268, 0.2947

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5934, 0.3533, 0.2508 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(222, 120, 188)` looks like.

```
.text, #text, p{  
    color:rgb(222, 120, 188)  
}
```

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(222, 120, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 120, 188) }
```

Border

The CSS property to change the border of an element to Yxy 32.5934, 0.3533, 0.2508 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(222, 120, 188) }
```

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

```
.border{ border-color:rgb(222, 120, 188) }
```

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

Here you see how a box with a 4 pixel rgb(222, 120, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 120, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 120, 188);  
box-shadow:4px 4px 4px 4px rgb(222, 120,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5934, 0.3533, 0.2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 120, 188) }
```

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

```
.background{ background-color: rgb(222,  
120, 188) }
```

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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