

Converting Colors

$Y_{xy}(32.3219, 0.3963, 0.2994)$

Have a look what the booklet for
Yxy(32.3219, 0.3963, 0.2994)
contains.

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Color

Yxy(32.2414, 0.3960, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	DD7D96
RGB	221, 125, 150
RGB Percent	87%, 49%, 59%
CMY	0.1333, 0.5098, 0.4118
CMYK	0.00, 0.43, 0.32, 0.13
HSL	344°, 59%, 68%
HSV	344°, 43%, 87%
XYZ	42.6582, 32.2414, 32.8231
YIQ	156.5540, 49.1910, 28.1270

Conversions

Conversions Part 2

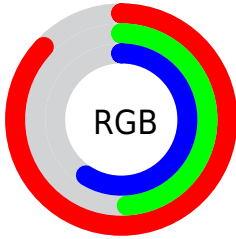
Format	Color
R_{YB}	221, 125, 150
Decimal	14515606
CIE _{Lab}	63.54, 39.96, 3.04
CIE _{LCh}	64, 40.079, 4.348
Yxy	32.2414, 0.3960, 0.2993
Android (android.graphics.Color)	4292705686 (0xFFDD7D96)
YUV	156.5540, -3.2311, 56.5191
Hunter-Lab	56.7815, 34.7339, 5.4739

Details

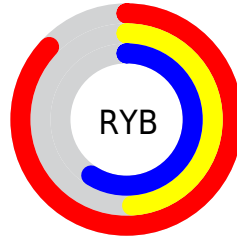
The Yxy color **32.2414, 0.3960, 0.2993** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **60.0637, 0.2670, 0.3622**, and the grayscale version is **33.5051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8598, 0.3577, 0.3032**, and **13.4525, 0.4240, 0.2890** is the 20% darker color. If you saturate the color by 10%, you get **26.7656, 0.4268, 0.2934**, and if you desaturate by 10%, it is **39.0387, 0.3700, 0.3062**.

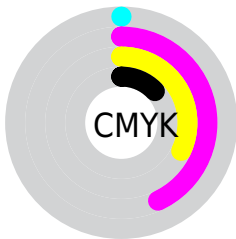
Distribution



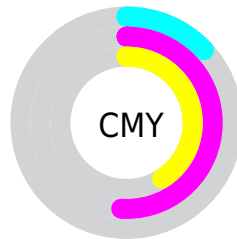
- Red (87%)
- Green (49%)
- Blue (59%)



- Red (87%)
- Yellow (49%)
- Blue (59%)



- Cyan (0%)
- Magenta (43%)
- Yellow (32%)
- Black (13%)




- Cyan (13%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.2414, 0.3960, 0.2993 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 32.2414, 0.3960, 0.2993 by changing the saturation by 10% instead.


 32.2414, 0.3960,
0.2993


 32.2414, 0.3960,
0.2993


312.2174, 0.3517,
0.3154


 21.5460, 0.4079,
0.2948


 63.1893, 0.3793,
0.3055

 13.5237, 0.4238,
0.2888


 84.2106, 0.3732,
0.3077

 7.7901, 0.4458,
0.2804


 109.4426, 0.3681,
0.3095

 3.9609, 0.4784,
0.2675

139.2698, 0.3638,
0.3111

 1.6517, 0.5308,
0.2462

174.0764, 0.3601,
0.3124

 0.3921, 0.7060,
0.1900

214.2470, 0.3570,


 0.0000, 1.0000,

0.3136


0.0000

260.1659, 0.3542,
0.3146


 0.0000, 0.0000,
0.0000


 32.2414, 0.3960,
0.2993


 32.2414, 0.3960,
0.2993


 26.7656, 0.4268,
0.2934


 39.0387, 0.3700,
0.3062


 22.5199, 0.4620,
0.2892


 47.2314, 0.3486,
0.3133


 19.4090, 0.5003,
0.2880


 56.8935, 0.3311,
0.3202


 17.3211, 0.5387,
0.2907


 68.0926, 0.3170,
0.3268

 16.1213, 0.5732,
0.2978

 80.8919, 0.3054,
0.3330

 15.6739, 0.5925,
0.3038

 93.6758, 0.2960,
0.3360

 94.1133, 0.2923,
0.3289

Harmonies

Analogous

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



32.2414, 0.3343, 0.2604



32.2414, 0.3960, 0.2993



32.2414, 0.4340, 0.3464

Triad

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



32.2414, 0.3960, 0.2993



32.2414, 0.3442, 0.4444



32.2414, 0.2029, 0.2494

Complementary

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



32.2414, 0.3960, 0.2993



60.0637, 0.2670, 0.3622

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.



32.2414, 0.2048, 0.2922



32.2414, 0.3960, 0.2993



32.2414, 0.2828, 0.4156

Square

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



32.2414, 0.3960, 0.2993



32.2414, 0.4001, 0.4324



32.2414, 0.2325, 0.3548



32.2414, 0.2259, 0.2314

Rectangle

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



32.2414, 0.3960, 0.2993



32.2414, 0.4386, 0.3786



32.2414, 0.2325, 0.3548



32.2414, 0.2007, 0.2609

Sweetspot

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



32.2430, 0.3960, 0.2993



79.1629, 0.3306, 0.3205



31.5452, 0.2929, 0.2149



16.2657, 0.3342, 0.3189



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.



32.2430, 0.3960, 0.2993



37.7086, 0.4234, 0.2939



37.8475, 0.4143, 0.3562



13.1069, 0.3251, 0.3229



9.1203, 0.5886, 0.3016



0.6049, 0.5417, 0.2758

Inverse Universe

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



32.2430, 0.3960, 0.2993



37.7086, 0.4234, 0.2939



50.2471, 0.2491, 0.2991



13.1069, 0.3251, 0.3229



9.1203, 0.5886, 0.3016



0.6049, 0.5417, 0.2758

Previews

White Background



This preview shows how the Yxy color 32.2414, 0.3960, 0.2993 looks on a white background.

Color Contrast Check

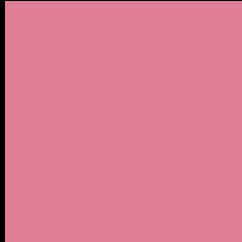
Large Text (above 18pt) WCAG AA × Fail

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 32.2414, 0.3960, 0.2993 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 32.2414, 0.3960, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 32.2414, 0.3960, 0.2993.



This preview shows how white text looks on a background with the Yxy color 32.2414, 0.3960, 0.2993.

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

32.2414, 0.3960, 0.2993

Protanopia

32.4425, 0.3010, 0.3081

Deuteranopia

32.3409, 0.3397, 0.3334



Tritanopia

32.2005, 0.4100, 0.3172

Trichromacy



Original Color

32.2414, 0.3960, 0.2993

Protanomaly

31.6831, 0.3319, 0.3037

Deuteranomaly

31.8099, 0.3604, 0.3196

Tritanomaly

32.0903, 0.4043, 0.3100

Monochromacy



Original Color

32.2414, 0.3960, 0.2993

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.2872, 0.3409, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2414, 0.3960, 0.2993 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(221, 125, 150)` looks like.

```
.text, #text, p{  
    color:rgb(221, 125, 150)  
}
```

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(221, 125, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 125, 150) }
```

Border

The CSS property to change the border of an element to Yxy 32.2414, 0.3960, 0.2993 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(221, 125, 150) }
```

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

```
.border{ border-color:rgb(221, 125, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 125, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 125, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 125, 150);  
box-shadow:4px 4px 4px 4px rgb(221, 125,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2414, 0.3960, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 125, 150) }
```

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

```
.background{ background-color: rgb(221,  
125, 150) }
```

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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