

Converting Colors

$Y_{xy}(32.0493, 0.4026, 0.3009)$

Have a look what the booklet for
Yxy(32.0493, 0.4026, 0.3009)
contains.

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Color

Yxy(31.9605, 0.4026, 0.3008)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DF7B93 |
| RGB | 223, 123, 147 |
| RGB Percent | 87%, 48%, 58% |
| CMY | 0.1255, 0.5176, 0.4236 |
| CMYK | 0.00, 0.45, 0.34, 0.13 |
| HSL | 346°, 61%, 68% |
| HSV | 346°, 45%, 87% |
| XYZ | 42.7769, 31.9605, 31.5142 |
| YIQ | 155.6360, 51.8960, 28.6640 |

Conversions

Conversions Part 2

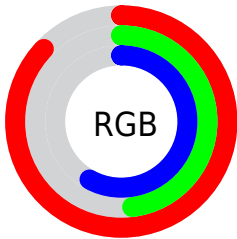
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 123, 147 |
| Decimal | 14646163 |
| CIE Lab | 63.31, 41.32, 4.45 |
| CIE LCh | 63, 41.556, 6.142 |
| Yxy | 31.9605, 0.4026, 0.3008 |
| Android (android.graphics.Color) | 4292836243 (0xFFDF7B93) |
| YUV | 155.6360, -4.2575, 59.0782 |
| Hunter-Lab | 56.5336, 36.1306, 6.5228 |

Details

The Yxy color **31.9605, 0.4026, 0.3008** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **61.1038, 0.2648, 0.3606**, and the grayscale version is **33.0786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9213, 0.3608, 0.3042**, and **13.3689, 0.4319, 0.2898** is the 20% darker color. If you saturate the color by 10%, you get **26.5512, 0.4351, 0.2956**, and if you desaturate by 10%, it is **38.7113, 0.3751, 0.3070**.

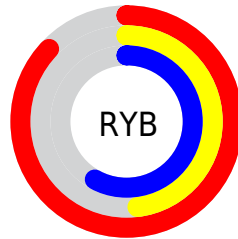
Distribution



Red (87%)

Green (48%)

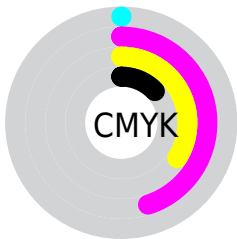
Blue (58%)



Red (87%)

Yellow (48%)

Blue (58%)

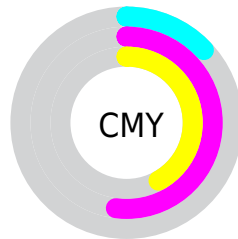


Cyan (0%)

Magenta (45%)

Yellow (34%)

Black (13%)



Cyan (13%)


Magenta (52%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9605, 0.4026, 0.3008 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 31.9605, 0.4026, 0.3008 by changing the saturation by 10% instead.


 31.9605, 0.4026,
0.3008

 31.9605, 0.4026,
0.3008


310.9393, 0.3547,
0.3164

 21.3313, 0.4155,
0.2964


 62.7492, 0.3845,
0.3068

 13.3664, 0.4327,
0.2905


 83.6774, 0.3779,
0.3090

 7.6813, 0.4567,
0.2820

 108.8075, 0.3724,
0.3107

 3.8917, 0.4920,
0.2690

138.5239, 0.3678,
0.3122

 1.6132, 0.5488,
0.2471

173.2108, 0.3638,
0.3135

 0.3665, 0.7637,
0.1905

213.2528, 0.3604,

 0.0000, 1.0000,

0.3146

0.0000

259.0341, 0.3573,
0.3155

0.0000, 0.0000,
0.0000

31.9605, 0.4026,
0.3008

31.9605, 0.4026,
0.3008

26.5512, 0.4351,
0.2956

38.7113, 0.3751,
0.3070

22.3886, 0.4720,
0.2922

46.8804, 0.3524,
0.3136

19.3729, 0.5116,
0.2918

56.5447, 0.3339,
0.3200

17.3869, 0.5505,
0.2953

67.7740, 0.3189,
0.3262

16.2876, 0.5842,
0.3028

80.6337, 0.3067,
0.3319

 15.9471, 0.5989,
0.3073

 94.0263, 0.2969,
0.3353

 94.4257, 0.2935,
0.3289

Harmonies

Analogous

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



31.9605, 0.3391, 0.2600



31.9605, 0.4026, 0.3008



31.9605, 0.4400, 0.3496

Triad

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



31.9605, 0.4026, 0.3008



31.9605, 0.3412, 0.4488



31.9605, 0.1998, 0.2445

Complementary

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



31.9605, 0.4026, 0.3008



61.1038, 0.2648, 0.3606

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.



31.9605, 0.2002, 0.2871



31.9605, 0.4026, 0.3008



31.9605, 0.2778, 0.4163

Square

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



31.9605, 0.4026, 0.3008



31.9605, 0.4001, 0.4378



31.9605, 0.2271, 0.3516



31.9605, 0.2250, 0.2277

Rectangle

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



31.9605, 0.4026, 0.3008



31.9605, 0.4429, 0.3829



31.9605, 0.2271, 0.3516



31.9605, 0.1970, 0.2558

Sweetspot

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



31.9621, 0.4026, 0.3008



79.1248, 0.3311, 0.3211



31.5019, 0.2937, 0.2117



16.2565, 0.3347, 0.3197



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.



31.9621, 0.4026, 0.3008



36.2650, 0.4336, 0.2957



38.2988, 0.4180, 0.3590



13.7542, 0.3254, 0.3234



9.3929, 0.5953, 0.3053



0.6650, 0.5516, 0.2812

Inverse Universe

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



31.9621, 0.4026, 0.3008



36.2650, 0.4336, 0.2957



49.9243, 0.2469, 0.2957



13.7542, 0.3254, 0.3234



9.3929, 0.5953, 0.3053



0.6650, 0.5516, 0.2812

Previews

White Background



This preview shows how the Yxy color 31.9605, 0.4026, 0.3008 looks on a white background.

Color Contrast Check

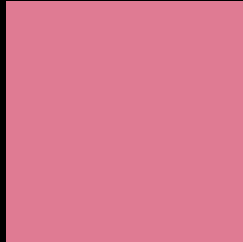
Large Text (above 18pt) WCAG AA × Fail

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 31.9605, 0.4026, 0.3008 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 31.9605, 0.4026, 0.3008

Background



This preview shows how black text looks on a background with the Yxy color 31.9605, 0.4026, 0.3008.



This preview shows how white text looks on a background with the Yxy color 31.9605, 0.4026, 0.3008.

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

31.9605, 0.4026, 0.3008

Protanopia

32.2351, 0.3027, 0.3125

Deuteranopia

32.0472, 0.3441, 0.3364



Tritanopia

31.9181, 0.4168, 0.3186

Trichromacy



Original Color

31.9605, 0.4026, 0.3008

Protanomaly

31.2796, 0.3351, 0.3065

Deuteranomaly

31.5552, 0.3652, 0.3223

Tritanomaly

31.8090, 0.4111, 0.3114

Monochromacy



Original Color

31.9605, 0.4026, 0.3008

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

31.9497, 0.3421, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9605, 0.4026, 0.3008 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(223, 123, 147)` looks like.

```
.text, #text, p{  
    color:rgb(223, 123, 147)  
}
```

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(223, 123, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 123, 147) }
```

Border

The CSS property to change the border of an element to Yxy 31.9605, 0.4026, 0.3008 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(223, 123, 147) }
```

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

```
.border{ border-color:rgb(223, 123, 147) }
```

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

Here you see how a box with a 4 pixel rgb(223, 123, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 123, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 123, 147);  
box-shadow:4px 4px 4px 4px rgb(223, 123,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9605, 0.4026, 0.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 123, 147) }
```

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

```
.background{ background-color: rgb(223,  
123, 147) }
```

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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