

Converting Colors

$Y_{xy}(32.1320, 0.3546, 0.2696)$

Have a look what the booklet for
Yxy(32.1320, 0.3546, 0.2696)
contains.

Yxy(32.1228, 0.3550, 0.2703)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.1228, 0.3550, 0.2703)

Conversions

Conversions Part 1

Format	Color
Hex	D37FAF
RGB	211, 127, 175
RGB Percent	83%, 50%, 69%
CMY	0.1726, 0.5019, 0.3138
CMYK	0.00, 0.40, 0.17, 0.17
HSL	326°, 49%, 66%
HSV	326°, 40%, 83%
XYZ	42.1887, 32.1228, 44.5298
YIQ	157.5880, 34.6560, 32.7360

Conversions

Conversions Part 2

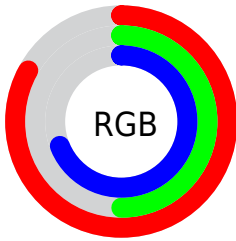
Format	Color
R_{YB}	211, 127, 175
Decimal	13860783
CIE _{Lab}	63.44, 38.98, -11.48
CIE _{LCh}	63, 40.631, 343.586
Yxy	32.1228, 0.3550, 0.2703
Android (android.graphics.Color)	4292050863 (0xFFD37FAF)
YUV	157.5880, 8.5841, 46.8423
Hunter-Lab	56.6770, 33.6854, -6.9089

Details

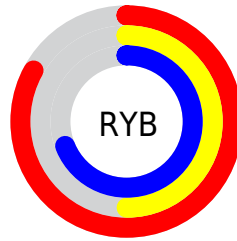
The Yxy color **32.1228, 0.3550, 0.2703** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **53.7421, 0.2855, 0.3969**, and the grayscale version is **33.9457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0773, 0.3347, 0.2786**, and **13.4308, 0.3676, 0.2518** is the 20% darker color. If you saturate the color by 10%, you get **26.8890, 0.3705, 0.2562**, and if you desaturate by 10%, it is **38.5245, 0.3416, 0.2853**.

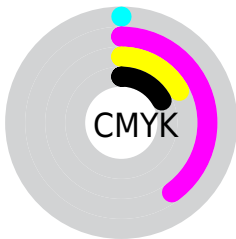
Distribution



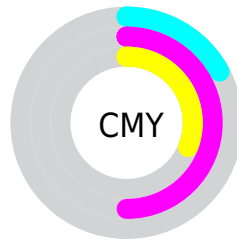
- Red (83%)
- Green (50%)
- Blue (69%)



- Red (83%)
- Yellow (50%)
- Blue (69%)



- Cyan (0%)
- Magenta (40%)
- Yellow (17%)
- Black (17%)





- Cyan (17%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1228, 0.3550, 0.2703 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 32.1228, 0.3550, 0.2703 by changing the saturation by 10% instead.

 32.1228, 0.3550,
0.2703


 32.1228, 0.3550,
0.2703


311.6783, 0.3333,
0.3000


 21.4553, 0.3606,
0.2628


 63.0036, 0.3470,
0.2812

 13.4572, 0.3679,
0.2531


 83.9856, 0.3440,
0.2852

 7.7441, 0.3778,
0.2402


 109.1746, 0.3415,
0.2887

 3.9317, 0.3920,
0.2220

138.9550, 0.3394,
0.2916

 1.6354, 0.4138,
0.1949

173.7112, 0.3375,
0.2941

 0.3813, 0.4646,
0.1259

213.8275, 0.3359,


 0.0000, 0.9544,


0.2963


0.0000


259.6884, 0.3345,
0.2983

 0.0000, 0.0000,
0.0000


 32.1228, 0.3550,
0.2703


 32.1228, 0.3550,
0.2703


 26.8890, 0.3705,
0.2562


 38.5245, 0.3416,
0.2853


 22.7464, 0.3879,
0.2439


 46.1558, 0.3302,
0.3005


 19.6160, 0.4069,
0.2347


 55.0790, 0.3206,
0.3152


 17.4062, 0.4270,
0.2297


 65.3511, 0.3126,
0.3293

 16.0087, 0.4473,
0.2299

 77.0258, 0.3059,
0.3424

 15.2305, 0.4671,
0.2348

 90.1537, 0.3004,
0.3546

 15.2170, 0.4675,
0.2349

 91.5586, 0.2955,
0.3464

 92.1046, 0.2906,
0.3368

 92.5877, 0.2866,
0.3289

Harmonies

Analogous

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



32.1228, 0.2896, 0.2406



32.1228, 0.3550, 0.2703



32.1228, 0.4127, 0.3129

Triad

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



32.1228, 0.3550, 0.2703



32.1228, 0.3854, 0.4414



32.1228, 0.2000, 0.2756

Complementary

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



32.1228, 0.3550, 0.2703



53.7421, 0.2855, 0.3969

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.



32.1228, 0.2200, 0.3344



32.1228, 0.3550, 0.2703



32.1228, 0.3252, 0.4419

Square

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



32.1228, 0.3550, 0.2703



32.1228, 0.4286, 0.4085



32.1228, 0.2647, 0.4002



32.1228, 0.2060, 0.2400

Rectangle

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



32.1228, 0.3550, 0.2703



32.1228, 0.4353, 0.3452



32.1228, 0.2647, 0.4002



32.1228, 0.2038, 0.2930

Sweetspot

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



32.1243, 0.3550, 0.2703



81.1903, 0.3227, 0.3118



27.5663, 0.2698, 0.2171



16.9794, 0.3239, 0.3099



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.



32.1243, 0.3550, 0.2703



42.2152, 0.3684, 0.2579



30.7510, 0.4039, 0.3205



11.9198, 0.3202, 0.3158



9.2052, 0.4647, 0.2333



0.5304, 0.4312, 0.2149

Inverse Universe

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



32.1243, 0.3550, 0.2703



42.2152, 0.3684, 0.2579



55.4567, 0.2619, 0.3382



11.9198, 0.3202, 0.3158



9.2052, 0.4647, 0.2333



0.5304, 0.4312, 0.2149

Previews

White Background



This preview shows how the Yxy color 32.1228, 0.3550, 0.2703 looks on a white background.

Color Contrast Check

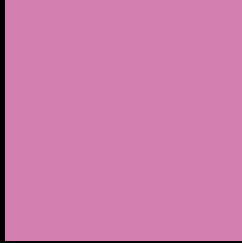
Large Text (above 18pt) WCAG AA × Fail

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 32.1228, 0.3550, 0.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

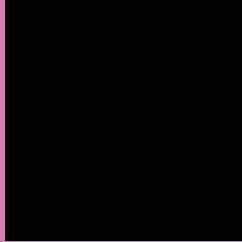
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1228, 0.3550, 0.2703

Background



This preview shows how black text looks on a background with the Yxy color 32.1228, 0.3550, 0.2703.



This preview shows how white text looks on a background with the Yxy color 32.1228, 0.3550, 0.2703.

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

32.1228, 0.3550, 0.2703

Protanopia

32.6080, 0.2723, 0.2726

Deuteranopia

32.3300, 0.3042, 0.2985



Tritanopia

32.0236, 0.3861, 0.3164

Trichromacy



Original Color

32.1228, 0.3550, 0.2703



Protanomaly

31.9267, 0.2986, 0.2708



Deuteranomaly

31.9083, 0.3219, 0.2877



Tritanomaly

32.0091, 0.3738, 0.2988

Monochromacy



Original Color

32.1228, 0.3550, 0.2703



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

32.8949, 0.3272, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1228, 0.3550, 0.2703 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(211, 127, 175)` looks like.

```
.text, #text, p{  
    color:rgb(211, 127, 175)  
}
```

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(211, 127, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 127, 175) }
```

Border

The CSS property to change the border of an element to Yxy 32.1228, 0.3550, 0.2703 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(211, 127, 175) }
```

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

```
.border{ border-color:rgb(211, 127, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 127, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 127, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 127, 175);  
box-shadow:4px 4px 4px 4px rgb(211, 127,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1228, 0.3550, 0.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 127, 175) }
```

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

```
.background{ background-color: rgb(211,  
127, 175) }
```

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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