

Converting Colors

$Y_{xy}(29.0627, 0.3528, 0.2400)$

Have a look what the booklet for
Yxy(29.0627, 0.3528, 0.2400)
contains.

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Color

Yxy(29.1918, 0.3532, 0.2406)

Conversions

Conversions Part 1

Format	Color
Hex	D96DB9
RGB	217, 109, 185
RGB Percent	85%, 43%, 73%
CMY	0.1488, 0.5727, 0.2744
CMYK	0.00, 0.50, 0.15, 0.15
HSL	318°, 59%, 64%
HSV	318°, 50%, 85%
XYZ	42.8535, 29.1918, 49.2839
YIQ	149.9560, 39.9720, 46.5320

Conversions

Conversions Part 2

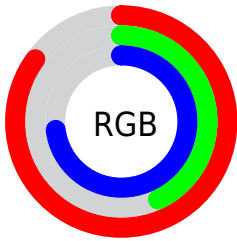
Format	Color
R_{YB}	217, 109, 185
Decimal	14249401
CIE _{Lab}	60.95, 51.72, -20.89
CIE _{LCh}	61, 55.776, 338.008
Yxy	29.1918, 0.3532, 0.2406
Android (android.graphics.Color)	4292439481 (0xFFD96DB9)
YUV	149.9560, 17.2767, 58.7976
Hunter-Lab	54.0294, 47.0258, -16.2618

Details

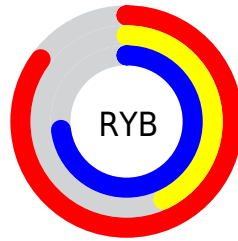
The Yxy color **29.1918, 0.3532, 0.2406** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **54.8245, 0.2883, 0.4398**, and the grayscale version is **30.3906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1618, 0.3281, 0.2525**, and **11.8719, 0.3644, 0.2160** is the 20% darker color. If you saturate the color by 10%, you get **24.8562, 0.3646, 0.2257**, and if you desaturate by 10%, it is **34.6855, 0.3428, 0.2576**.

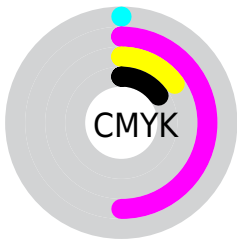
Distribution



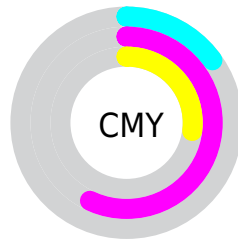
- Red (85%)
- Green (43%)
- Blue (73%)



- Red (85%)
- Yellow (43%)
- Blue (73%)



- Cyan (0%)
- Magenta (50%)
- Yellow (15%)
- Black (15%)





- Cyan (15%)
- Magenta (57%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1918, 0.3532, 0.2406 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 29.1918, 0.3532, 0.2406 by changing the saturation by 10% instead.


 29.1918, 0.3532,
0.2406

 29.1918, 0.3532,
0.2406


298.1188, 0.3331,
0.2846

 19.2260, 0.3581,
0.2298


 58.3817, 0.3459,
0.2565

 11.8337, 0.3644,
0.2160


 78.3745, 0.3432,
0.2625

 6.6305, 0.3726,
0.1981


 102.4785, 0.3409,
0.2676

 3.2321, 0.3837,
0.1736

 131.0779, 0.3389,
0.2719

 1.2541, 0.3993,
0.1392

164.5573, 0.3372,
0.2757

 0.1052, 0.4483,
0.0319

203.3010, 0.3356,


 0.0000, 0.4565,


0.2790


0.0000


247.6934, 0.3343,
0.2820

 0.0000, 0.0000,
0.0000


 29.1918, 0.3532,
0.2406


 29.1918, 0.3532,
0.2406


 24.8562, 0.3646,
0.2257


 34.6855, 0.3428,
0.2576


 21.5887, 0.3769,
0.2140

 41.4103, 0.3335,
0.2757


 19.2927, 0.3894,
0.2065


 49.4381, 0.3254,
0.2940

 17.8521, 0.4020,
0.2038

 58.8339, 0.3185,
0.3121

 17.0642, 0.4142,
0.2056

 69.6586, 0.3126,
0.3293

 17.0503, 0.4144,
0.2057

 81.9691, 0.3076,
0.3456

 91.9955, 0.3036,
0.3549

 92.3638, 0.3000,
0.3481

 92.7455, 0.2965,
0.3414

Harmonies

Analogous

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



29.1918, 0.2636, 0.2063



29.1918, 0.3532, 0.2406



29.1918, 0.4415, 0.2926

Triad

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



29.1918, 0.3532, 0.2406



29.1918, 0.4212, 0.4758



29.1918, 0.1636, 0.2637

Complementary

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



29.1918, 0.3532, 0.2406



54.8245, 0.2883, 0.4398

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.



29.1918, 0.1937, 0.3519



29.1918, 0.3532, 0.2406



29.1918, 0.3406, 0.4974

Square

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



29.1918, 0.3532, 0.2406



29.1918, 0.4779, 0.4186



29.1918, 0.2571, 0.4499



29.1918, 0.1662, 0.2125

Rectangle

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



29.1918, 0.3532, 0.2406



29.1918, 0.4795, 0.3330



29.1918, 0.2571, 0.4499



29.1918, 0.1698, 0.2893

Sweetspot

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



29.1932, 0.3532, 0.2406



77.2681, 0.3221, 0.3025



21.4824, 0.2425, 0.1812



15.9353, 0.3236, 0.2986



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.



29.1932, 0.3532, 0.2406



35.3986, 0.3655, 0.2247



27.3662, 0.4213, 0.3011



13.2057, 0.3183, 0.3127



10.3352, 0.4127, 0.2047



0.6844, 0.3942, 0.1945

Inverse Universe

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



29.1932, 0.3532, 0.2406



35.3986, 0.3655, 0.2247



56.7799, 0.2596, 0.3611



13.2057, 0.3183, 0.3127



10.3352, 0.4127, 0.2047



0.6844, 0.3942, 0.1945

Previews

White Background



This preview shows how the Yxy color 29.1918, 0.3532, 0.2406 looks on a white background.

Color Contrast Check

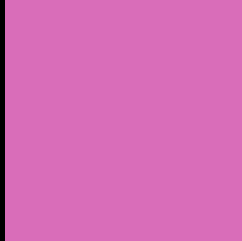
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1918, 0.3532, 0.2406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

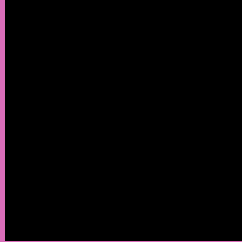
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1918, 0.3532, 0.2406

Background



This preview shows how black text looks on a background with the Yxy color 29.1918, 0.3532, 0.2406.



This preview shows how white text looks on a background with the Yxy color 29.1918, 0.3532, 0.2406.

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

29.1918, 0.3532, 0.2406

Protanopia

29.4399, 0.2422, 0.2329

Deuteranopia

29.3122, 0.2827, 0.2765



Tritanopia

29.1353, 0.4118, 0.3180

Trichromacy



Original Color

29.1918, 0.3532, 0.2406



Protanomaly

28.1377, 0.2747, 0.2327



Deuteranomaly

28.3395, 0.3064, 0.2594



Tritanomaly

29.0707, 0.3901, 0.2885

Monochromacy



Original Color

29.1918, 0.3532, 0.2406



Achromatopsia

30.4987, 0.3127, 0.3290



Achromatomaly

28.9710, 0.3266, 0.2891

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1918, 0.3532, 0.2406 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(217, 109, 185)` looks like.

```
.text, #text, p{  
    color:rgb(217, 109, 185)  
}
```

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(217, 109, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 109, 185) }
```

Border

The CSS property to change the border of an element to Yxy 29.1918, 0.3532, 0.2406 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(217, 109, 185) }
```

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

```
.border{ border-color:rgb(217, 109, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 109, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 109, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 109, 185);  
box-shadow:4px 4px 4px 4px rgb(217, 109,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1918, 0.3532, 0.2406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 109, 185) }
```

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

```
.background{ background-color: rgb(217,  
109, 185) }
```

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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