

Converting Colors

$Y_{xy}(29.2013, 0.3186, 0.2403)$

Have a look what the booklet for
Yxy(29.2013, 0.3186, 0.2403)
contains.

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Color

Yxy(29.1942, 0.3190, 0.2405)

Conversions

Conversions Part 1

Format	Color
Hex	C27AC0
RGB	194, 122, 192
RGB Percent	76%, 48%, 75%
CMY	0.2392, 0.5216, 0.2470
CMYK	0.00, 0.37, 0.01, 0.24
HSL	302°, 37%, 62%
HSV	302°, 37%, 76%
XYZ	38.7233, 29.1942, 53.4721
YIQ	151.5080, 20.4420, 37.0340

Conversions

Conversions Part 2

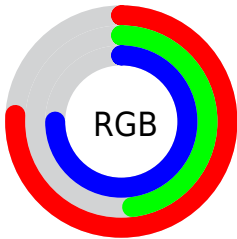
Format	Color
RYB	194, 122, 192
Decimal	12745408
CIELab	60.95, 38.97, -25.12
CIELCh	61, 46.364, 327.201
Yxy	29.1942, 0.3190, 0.2405
Android (android.graphics.Color)	4290935488 (0xFFC27AC0)
YUV	151.5080, 19.9626, 37.2655
Hunter-Lab	54.0317, 33.3716, -20.8538

Details

The Yxy color **29.1942, 0.3190, 0.2405** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.1764, 0.3062, 0.4370**, and the grayscale version is **31.0835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5857, 0.3185, 0.2564**, and **11.8304, 0.3196, 0.2162** is the 20% darker color. If you saturate the color by 10%, you get **24.8738, 0.3208, 0.2185**, and if you desaturate by 10%, it is **34.4682, 0.3172, 0.2641**.

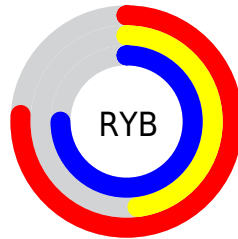
Distribution



Red (76%)

Green (48%)

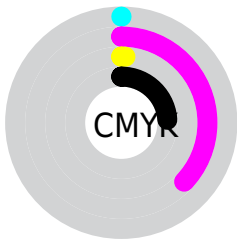
Blue (75%)



Red (76%)

Yellow (48%)

Blue (75%)

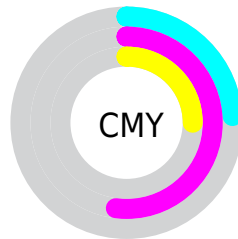


Cyan (0%)

Magenta (37%)

Yellow (1%)

Black (24%)



Cyan (24%)


Magenta (52%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.1942, 0.3190, 0.2405 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 29.1942, 0.3190, 0.2405 by changing the saturation by 10% instead.


 29.1942, 0.3190,
0.2405


 29.1942, 0.3190,
0.2405


298.1301, 0.3170,
0.2847

 19.2278, 0.3191,
0.2296


 58.3855, 0.3185,
0.2565

 11.8350, 0.3191,
0.2157


 78.3791, 0.3183,
0.2625

 6.6314, 0.3185,
0.1976


 102.4840, 0.3180,
0.2676

 3.2327, 0.3169,
0.1729

131.0845, 0.3178,
0.2720

 1.2544, 0.3125,
0.1380

164.5649, 0.3175,
0.2758

 0.1055, 0.3184,
0.0314

203.3097, 0.3173,

 0.0000, 0.0000,

0.2791

0.0000

247.7034, 0.3171,
0.2821

■ 29.1942, 0.3190,
0.2405

■ 29.1942, 0.3190,
0.2405

■ 24.8738, 0.3208,
0.2185

■ 34.4682, 0.3172,
0.2641

■ 21.4461, 0.3225,
0.1990

■ 40.7442, 0.3155,
0.2882

■ 18.8496, 0.3241,
0.1828


■ 48.0717, 0.3138,
0.3123

■ 17.0132, 0.3255,
0.1707


■ 56.4960, 0.3123,
0.3356


■ 15.8537, 0.3267,
0.1628

■ 66.0598, 0.3109,
0.3578

 15.2568, 0.3277,
0.1588

 76.8034, 0.3096,
0.3785

 15.1285, 0.3279,
0.1580

 86.9639, 0.3086,
0.3949

 86.9883, 0.3083,
0.3943

 87.0127, 0.3080,
0.3937

Harmonies

Analogous

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



29.1942, 0.2490, 0.2175



29.1942, 0.3190, 0.2405



29.1942, 0.3960, 0.2815

Triad

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



29.1942, 0.3190, 0.2405



29.1942, 0.4273, 0.4404



29.1942, 0.1913, 0.2997

Complementary

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



29.1942, 0.3190, 0.2405



44.1764, 0.3062, 0.4370

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.



29.1942, 0.2294, 0.3789



29.1942, 0.3190, 0.2405



29.1942, 0.3650, 0.4681

Square

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



29.1942, 0.3190, 0.2405



29.1942, 0.4610, 0.3896



29.1942, 0.2925, 0.4477



29.1942, 0.1827, 0.2434

Rectangle

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



29.1942, 0.3190, 0.2405



29.1942, 0.4368, 0.3155



29.1942, 0.2925, 0.4477



29.1942, 0.2007, 0.3246

Sweetspot

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



29.1955, 0.3190, 0.2405



81.4657, 0.3145, 0.3026



22.0406, 0.2467, 0.2184



17.4365, 0.3147, 0.2993



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.



29.1955, 0.3190, 0.2405



46.0601, 0.3205, 0.2215



27.8166, 0.3585, 0.2827



10.2426, 0.3142, 0.3069



9.9486, 0.3278, 0.1580



0.4314, 0.3262, 0.1571

Inverse Universe

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



29.1955, 0.3190, 0.2405



46.0601, 0.3205, 0.2215



45.2317, 0.2831, 0.3811



10.2426, 0.3142, 0.3069



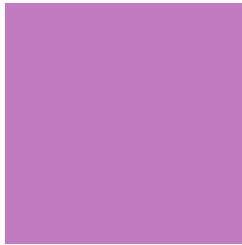
9.9486, 0.3278, 0.1580



0.4314, 0.3262, 0.1571

Previews

White Background



This preview shows how the Yxy color 29.1942, 0.3190, 0.2405 looks on a white background.

Color Contrast Check

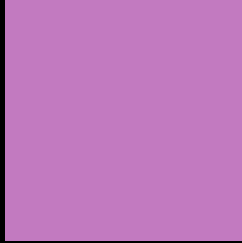
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1942, 0.3190, 0.2405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

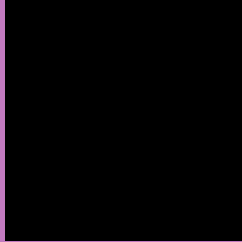
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1942, 0.3190, 0.2405

Background



This preview shows how black text looks on a background with the Yxy color 29.1942, 0.3190, 0.2405.



This preview shows how white text looks on a background with the Yxy color 29.1942, 0.3190, 0.2405.

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

29.1942, 0.3190, 0.2405

Protanopia

29.4160, 0.2441, 0.2354

Deuteranopia

29.5444, 0.2709, 0.2652



Tritanopia

29.1469, 0.3664, 0.3153

Trichromacy



Original Color

29.1942, 0.3190, 0.2405

Protanomaly

28.7824, 0.2671, 0.2367

Deuteranomaly

29.0390, 0.2870, 0.2554

Tritanomaly

28.9236, 0.3488, 0.2858

Monochromacy



Original Color

29.1942, 0.3190, 0.2405

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.0553, 0.3145, 0.2914

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1942, 0.3190, 0.2405 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(194, 122, 192)` looks like.

```
.text, #text, p{  
    color:rgb(194, 122, 192)  
}
```

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(194, 122, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 122, 192) }
```

Border

The CSS property to change the border of an element to Yxy 29.1942, 0.3190, 0.2405 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(194, 122, 192) }
```

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

```
.border{ border-color:rgb(194, 122, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 122, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 122, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 122, 192);  
box-shadow:4px 4px 4px 4px rgb(194, 122,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1942, 0.3190, 0.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 122, 192) }
```

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

```
.background{ background-color: rgb(194,  
122, 192) }
```

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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