

Converting Colors

$Y_{xy}(19.0279, 0.2493, 0.2005)$

Have a look what the booklet for
Yxy(19.0279, 0.2493, 0.2005)
contains.

Yxy(19.0429, 0.2488, 0.2005)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.0429, 0.2488, 0.2005)

Conversions

Conversions Part 1

Format	Color
Hex	7F6CC0
RGB	127, 108, 192
RGB Percent	50%, 42%, 75%
CMY	0.5019, 0.5765, 0.2470
CMYK	0.34, 0.44, 0.00, 0.25
HSL	254°, 40%, 59%
HSV	254°, 44%, 75%
XYZ	23.6303, 19.0429, 52.3039
YIQ	123.2570, -15.6400, 30.1520

Conversions

Conversions Part 2

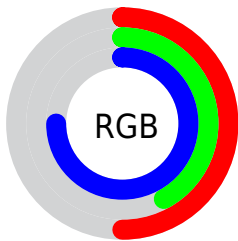
Format	Color
R_{YB}	127, 108, 192
Decimal	8350912
CIE _{Lab}	50.74, 26.74, -41.57
CIE _{LCh}	51, 49.426, 302.748
Yxy	19.0429, 0.2488, 0.2005
Android (android.graphics.Color)	4286540992 (0xFF7F6CC0)
YUV	123.2570, 33.8903, 3.2826
Hunter-Lab	43.6382, 20.2919, -40.5171

Details

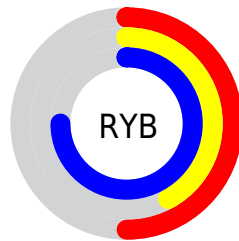
The Yxy color $19.0429, 0.2488, 0.2005$ is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be $47.6702, 0.3598, 0.4422$, and the grayscale version is $19.7869, 0.3127, 0.3290$.

A 20% lighter version of the original color is $41.9262, 0.2632, 0.2254$, and $6.5225, 0.2236, 0.1615$ is the 20% darker color. If you saturate the color by 10%, you get $14.3719, 0.2306, 0.1676$, and if you desaturate by 10%, it is $24.7753, 0.2661, 0.2333$.

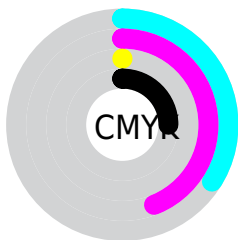
Distribution



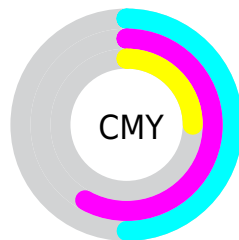
- Red (50%)
- Green (42%)
- Blue (75%)



- Red (50%)
- Yellow (42%)
- Blue (75%)



- Cyan (34%)
- Magenta (44%)
- Yellow (0%)
- Black (25%)



- Cyan (50%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0429, 0.2488, 0.2005 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 19.0429, 0.2488, 0.2005 by changing the saturation by 10% instead.

■ 19.0429, 0.2488,
0.2005

■ 19.0429, 0.2488,
0.2005

■ 246.6855, 0.2855,
0.2674

■ 11.7013, 0.2382,
0.1836

■ 41.8066, 0.2632,
0.2251

■ 6.5406, 0.2237,
0.1620

■ 57.9974, 0.2683,
0.2343

■ 3.1765, 0.2033,
0.1340

■ 77.9068, 0.2725,
0.2420

■ 1.2246, 0.1731,
0.0974

■ 101.9191, 0.2760,
0.2486

■ 0.0816, 0.1312,
0.0147

■ 130.4187, 0.2789,
0.2543

■ 0.0000, 0.0000,
0.0000

163.7901, 0.2814,

0.2592

202.4175, 0.2836,
0.2635

■ 19.0429, 0.2488,
0.2005

■ 19.0429, 0.2488,
0.2005

■ 14.3719, 0.2306,
0.1676

■ 24.7753, 0.2661,
0.2333

■ 10.6937, 0.2123,
0.1364

■ 31.6277, 0.2820,
0.2646

■ 7.9348, 0.1950,
0.1090

■ 39.6569, 0.2961,
0.2936

■ 6.0102, 0.1798,
0.0874

■ 48.9151, 0.3085,
0.3199

■ 4.8183, 0.1678,
0.0729

■ 59.4515, 0.3192,
0.3433

■ 4.3293, 0.1620,
0.0666

■ 71.3123, 0.3284,
0.3641

■ 84.5417, 0.3362,
0.3823

■ 94.8939, 0.3440,
0.3922

■ 96.5861, 0.3502,
0.3909

Harmonies

Analogous

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



19.0429, 0.1891, 0.1941



19.0429, 0.2488, 0.2005



19.0429, 0.3369, 0.2314

Triad

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



19.0429, 0.2488, 0.2005



19.0429, 0.4869, 0.4082



19.0429, 0.2003, 0.3707

Complementary

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



19.0429, 0.2488, 0.2005



47.6702, 0.3598, 0.4422

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.



19.0429, 0.2698, 0.4667



19.0429, 0.2488, 0.2005



19.0429, 0.4353, 0.4695

Square

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



19.0429, 0.2488, 0.2005



19.0429, 0.4884, 0.3428



19.0429, 0.3559, 0.5017



19.0429, 0.1638, 0.2753

Rectangle

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



19.0429, 0.2488, 0.2005



19.0429, 0.4011, 0.2632



19.0429, 0.3559, 0.5017



19.0429, 0.2202, 0.4059

Sweetspot

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



19.0436, 0.2488, 0.2005



72.7042, 0.2968, 0.2951



37.1916, 0.2495, 0.3013



14.8558, 0.2939, 0.2889



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.0436, 0.2488, 0.2005



25.9659, 0.2304, 0.1673



22.8787, 0.2915, 0.2146



9.8554, 0.3018, 0.3054



2.9422, 0.1629, 0.0671



0.1590, 0.1861, 0.0799

Inverse Universe

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



24.9499, 0.3393, 0.2443



38.2979, 0.3475, 0.2266



43.6752, 0.3244, 0.4564



10.2073, 0.3171, 0.3114



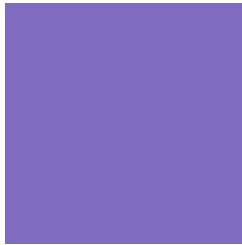
9.0037, 0.3871, 0.1906



0.3988, 0.3695, 0.1809

Previews

White Background



This preview shows how the Yxy color 19.0429, 0.2488, 0.2005 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 19.0429, 0.2488, 0.2005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

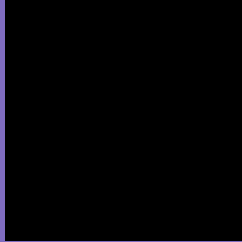
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0429, 0.2488, 0.2005

Background



This preview shows how black text looks on a background with the Yxy color 19.0429, 0.2488, 0.2005.



This preview shows how white text looks on a background with the Yxy color 19.0429, 0.2488, 0.2005.

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

19.0429, 0.2488, 0.2005

Protanopia

19.2001, 0.2138, 0.1959

Deuteranopia

19.2337, 0.2193, 0.2143



Tritanopia

19.1352, 0.2933, 0.3119

Trichromacy



Original Color

19.0429, 0.2488, 0.2005

Protanomaly

18.9366, 0.2246, 0.1961

Deuteranomaly

18.9178, 0.2286, 0.2079

Tritanomaly

18.9444, 0.2761, 0.2653

Monochromacy



Original Color

19.0429, 0.2488, 0.2005

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.3801, 0.2868, 0.2760

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0429, 0.2488, 0.2005 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(127, 108, 192)` looks like.

```
.text, #text, p{  
    color:rgb(127, 108, 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(127, 108, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 108, 192) }
```

Border

The CSS property to change the border of an element to Yxy 19.0429, 0.2488, 0.2005 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(127, 108, 192) }
```

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

```
.border{ border-color:rgb(127, 108, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 108, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 108, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 108, 192);  
box-shadow:4px 4px 4px 4px rgb(127, 108,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0429, 0.2488, 0.2005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 108, 192) }
```

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

```
.background{ background-color: rgb(127,  
108, 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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