

Converting Colors

$Y_{xy}(26.2645, 0.3123, 0.2227)$

Have a look what the booklet for
Yxy(26.2645, 0.3123, 0.2227)
contains.

Yxy(26.2562, 0.3122, 0.2229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.2562, 0.3122, 0.2229)

Conversions

Conversions Part 1

Format	Color
Hex	BE6FC3
RGB	190, 111, 195
RGB Percent	75%, 44%, 76%
CMY	0.2548, 0.5648, 0.2353
CMYK	0.03, 0.43, 0.00, 0.24
HSL	296°, 41%, 60%
HSV	296°, 43%, 76%
XYZ	36.7752, 26.2562, 54.7623
YIQ	144.1970, 20.1200, 42.8720

Conversions

Conversions Part 2

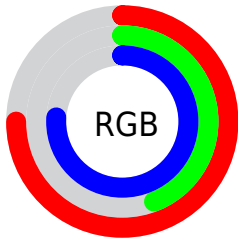
Format	Color
R_{YB}	190, 111, 195
Decimal	12480451
CIE _{Lab}	58.28, 44.17, -30.98
CIE _{LCh}	58, 53.955, 324.953
Yxy	26.2562, 0.3122, 0.2229
Android (android.graphics.Color)	4290670531 (0xFFBE6FC3)
YUV	144.1970, 25.0459, 40.1692
Hunter-Lab	51.2408, 38.4368, -27.4961

Details

The Yxy color **26.2562, 0.3122, 0.2229** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **43.8908, 0.3100, 0.4600**, and the grayscale version is **27.8648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8950, 0.3135, 0.2423**, and **10.3057, 0.3095, 0.1943** is the 20% darker color. If you saturate the color by 10%, you get **22.3086, 0.3116, 0.2010**, and if you desaturate by 10%, it is **31.1361, 0.3126, 0.2469**.

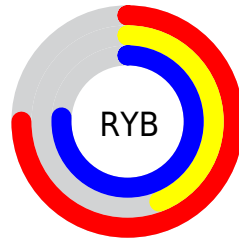
Distribution



Red (75%)

Green (44%)

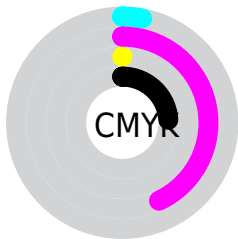
Blue (76%)



Red (75%)

Yellow (44%)

Blue (76%)

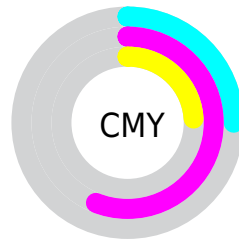


Cyan (3%)

Magenta (43%)

Yellow (0%)

Black (24%)



Cyan (25%)


Magenta (56%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2562, 0.3122, 0.2229 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 26.2562, 0.3122, 0.2229 by changing the saturation by 10% instead.


 26.2562, 0.3122,
0.2229


 26.2562, 0.3122,
0.2229


284.0375, 0.3143,
0.2758


 17.0154, 0.3111,
0.2100


 53.6880, 0.3134,
0.2420

 10.2455, 0.3092,
0.1936


 72.6477, 0.3137,
0.2492

 5.5620, 0.3060,
0.1724


 95.6159, 0.3139,
0.2553

 2.5806, 0.3002,
0.1441

 122.9770, 0.3141,
0.2605

 0.9169, 0.2886,
0.1056

155.1153, 0.3142,
0.2651

 0.0000, 0.2775,
0.0000

192.4152, 0.3142,

 0.0000, 0.0000,

0.2691

0.0000

235.2611, 0.3143,
0.2726

■ 26.2562, 0.3122,
0.2229

■ 26.2562, 0.3122,
0.2229

■ 22.3086, 0.3116,
0.2010

■ 31.1361, 0.3126,
0.2469

■ 19.2288, 0.3107,
0.1820

■ 37.0004, 0.3128,
0.2718

■ 16.9495, 0.3097,
0.1667


■ 43.9014, 0.3129,
0.2970

■ 15.3921, 0.3084,
0.1557

■ 51.8869, 0.3128,
0.3216


■ 14.4620, 0.3071,
0.1489


■ 61.0015, 0.3126,
0.3452

 14.0630, 0.3061,
0.1460

 71.2875, 0.3123,
0.3673

 82.7848, 0.3119,
0.3878

 87.6396, 0.3122,
0.3952

 87.7985, 0.3129,
0.3950

Harmonies

Analogous

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



26.2562, 0.2317, 0.1983



26.2562, 0.3122, 0.2229



26.2562, 0.4061, 0.2682

Triad

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



26.2562, 0.3122, 0.2229



26.2562, 0.4503, 0.4533



26.2562, 0.1722, 0.2979

Complementary

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



26.2562, 0.3122, 0.2229



43.8908, 0.3100, 0.4600

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.



26.2562, 0.2173, 0.3968



26.2562, 0.3122, 0.2229



26.2562, 0.3774, 0.4953

Square

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



26.2562, 0.3122, 0.2229



26.2562, 0.4898, 0.3906



26.2562, 0.2923, 0.4800



26.2562, 0.1610, 0.2299

Rectangle

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



26.2562, 0.3122, 0.2229



26.2562, 0.4577, 0.3062



26.2562, 0.2923, 0.4800



26.2562, 0.1834, 0.3288

Sweetspot

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



26.2574, 0.3122, 0.2229



78.4675, 0.3129, 0.2967



19.9463, 0.2343, 0.2057



16.5394, 0.3129, 0.2911



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.



26.2574, 0.3122, 0.2229



40.1278, 0.3116, 0.2015



25.4584, 0.3600, 0.2663



10.2162, 0.3129, 0.3062



9.1527, 0.3063, 0.1461



0.4048, 0.3097, 0.1480

Inverse Universe

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



24.2294, 0.4173, 0.3226



36.0809, 0.4555, 0.3215



44.5304, 0.2836, 0.4026



10.0874, 0.3280, 0.3277



7.5616, 0.6327, 0.3259



0.3301, 0.6069, 0.3117

Previews

White Background



This preview shows how the Yxy color 26.2562, 0.3122, 0.2229 looks on a white background.

Color Contrast Check

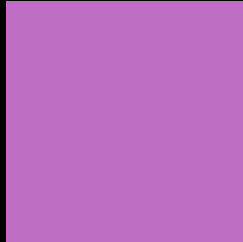
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2562, 0.3122, 0.2229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

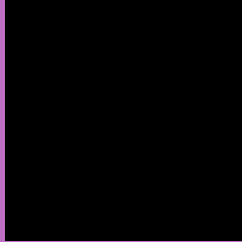
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2562, 0.3122, 0.2229

Background



This preview shows how black text looks on a background with the Yxy color 26.2562, 0.3122, 0.2229.



This preview shows how white text looks on a background with the Yxy color 26.2562, 0.3122, 0.2229.

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

26.2562, 0.3122, 0.2229

Protanopia

26.6315, 0.2278, 0.2144

Deuteranopia

26.6186, 0.2555, 0.2507



Tritanopia

26.3335, 0.3714, 0.3162

Trichromacy



Original Color

26.2562, 0.3122, 0.2229



Protanomaly

25.6172, 0.2517, 0.2147



Deuteranomaly

25.8958, 0.2731, 0.2377



Tritanomaly

26.1475, 0.3494, 0.2792

Monochromacy



Original Color

26.2562, 0.3122, 0.2229



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.7239, 0.3127, 0.2827

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2562, 0.3122, 0.2229 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(190, 111, 195)` looks like.

```
.text, #text, p{  
    color:rgb(190, 111, 195)  
}
```

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(190, 111, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 111, 195) }
```

Border

The CSS property to change the border of an element to Yxy 26.2562, 0.3122, 0.2229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

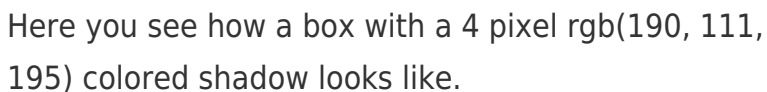
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 111, 195) }
```

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

```
.border{ border-color:rgb(190, 111, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 111, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 111, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 111, 195); box-shadow:4px 4px 4px 4px rgb(190, 111, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2562, 0.3122, 0.2229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 111, 195) }
```

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

```
.background{ background-color: rgb(190,  
111, 195) }
```

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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