

Converting Colors

$Y_{xy}(27.1528, 0.3145, 0.2238)$

Have a look what the booklet for
Yxy(27.1528, 0.3145, 0.2238)
contains.

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Color

Yxy(27.0889, 0.3144, 0.2234)

Conversions

Conversions Part 1

Format	Color
Hex	C270C5
RGB	194, 112, 197
RGB Percent	76%, 44%, 77%
CMY	0.2392, 0.5608, 0.2274
CMYK	0.02, 0.43, 0.00, 0.23
HSL	298°, 42%, 61%
HSV	298°, 43%, 77%
XYZ	38.1233, 27.0889, 56.0452
YIQ	146.2080, 21.5870, 43.8190

Conversions

Conversions Part 2

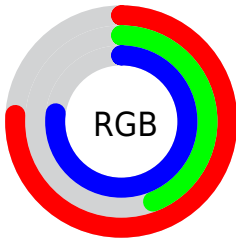
Format	Color
RYB	194, 112, 197
Decimal	12742853
CIELab	59.06, 45.22, -30.88
CIELCh	59, 54.756, 325.676
Yxy	27.0889, 0.3144, 0.2234
Android (android.graphics.Color)	4290932933 (0xFFC270C5)
YUV	146.2080, 25.0405, 41.9136
Hunter-Lab	52.0470, 39.6652, -27.4117

Details

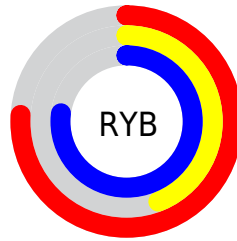
The Yxy color **27.0889, 0.3144, 0.2234** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **44.7483, 0.3086, 0.4609**, and the grayscale version is **28.7235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1236, 0.3151, 0.2424**, and **10.7039, 0.3127, 0.1944** is the 20% darker color. If you saturate the color by 10%, you get **23.1168, 0.3144, 0.2019**, and if you desaturate by 10%, it is **32.0148, 0.3142, 0.2470**.

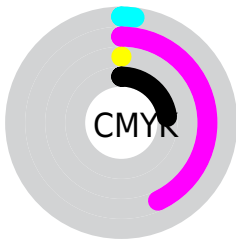
Distribution



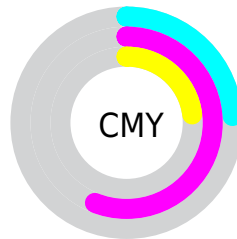
- Red (76%)
- Green (44%)
- Blue (77%)



- Red (76%)
- Yellow (44%)
- Blue (77%)



- Cyan (2%)
- Magenta (43%)
- Yellow (0%)
- Black (23%)





- Cyan (24%)
- Magenta (56%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0889, 0.3144, 0.2234 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 27.0889, 0.3144, 0.2234 by changing the saturation by 10% instead.

 27.0889, 0.3144,
0.2234


 27.0889, 0.3144,
0.2234


288.0873, 0.3153,
0.2757


 17.6400, 0.3136,
0.2107


 55.0265, 0.3152,
0.2422

 10.6918, 0.3122,
0.1946


 74.2840, 0.3153,
0.2493

 5.8600, 0.3096,
0.1738


 97.5798, 0.3154,
0.2554

 2.7601, 0.3048,
0.1462

 125.2983, 0.3154,
0.2606

 1.0078, 0.2949,
0.1087

157.8239, 0.3154,
0.2651

 0.0000, 0.2889,
0.0000

195.5410, 0.3154,

 0.0000, 0.0000,

0.2691

0.0000

238.8340, 0.3154,
0.2726

■ 27.0889, 0.3144,
0.2234

■ 27.0889, 0.3144,
0.2234

■ 23.1168, 0.3144,
0.2019

■ 32.0148, 0.3142,
0.2470

■ 20.0322, 0.3143,
0.1834

■ 37.9480, 0.3139,
0.2718

■ 17.7662, 0.3139,
0.1686


■ 44.9422, 0.3134,
0.2969


■ 16.2379, 0.3134,
0.1581


■ 53.0462, 0.3129,
0.3214

■ 15.3502, 0.3127,
0.1519

■ 62.3060, 0.3123,
0.3450

 14.9884, 0.3121,
0.1493

 72.7647, 0.3117,
0.3672

 84.4635, 0.3111,
0.3879

 87.7700, 0.3113,
0.3929

 87.8654, 0.3117,
0.3928

Harmonies

Analogous

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



27.0889, 0.2329, 0.1982



27.0889, 0.3144, 0.2234



27.0889, 0.4086, 0.2693

Triad

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



27.0889, 0.3144, 0.2234



27.0889, 0.4493, 0.4550



27.0889, 0.1710, 0.2956

Complementary

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



27.0889, 0.3144, 0.2234



44.7483, 0.3086, 0.4609

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.



27.0889, 0.2154, 0.3947



27.0889, 0.3144, 0.2234



27.0889, 0.3755, 0.4965

Square

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



27.0889, 0.3144, 0.2234



27.0889, 0.4901, 0.3923



27.0889, 0.2901, 0.4795



27.0889, 0.1606, 0.2284

Rectangle

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



27.0889, 0.3144, 0.2234



27.0889, 0.4598, 0.3076



27.0889, 0.2901, 0.4795



27.0889, 0.1819, 0.3264

Sweetspot

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



27.0901, 0.3144, 0.2234



80.4224, 0.3134, 0.2967



20.0234, 0.2338, 0.2032



16.5770, 0.3135, 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.



27.0901, 0.3144, 0.2234



41.6237, 0.3144, 0.2026



25.9529, 0.3619, 0.2679



10.7969, 0.3132, 0.3062



9.8660, 0.3122, 0.1494



0.4732, 0.3142, 0.1504

Inverse Universe

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



24.6958, 0.4204, 0.3253



36.8115, 0.4595, 0.3247



45.5892, 0.2827, 0.4005



10.6429, 0.3284, 0.3282



7.8202, 0.6358, 0.3276



0.3724, 0.6208, 0.3194

Previews

White Background



This preview shows how the Yxy color 27.0889, 0.3144, 0.2234 looks on a white background.

Color Contrast Check

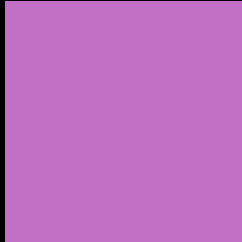
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0889, 0.3144, 0.2234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

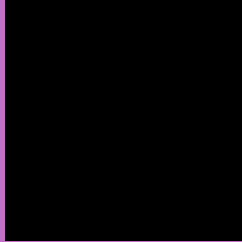
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0889, 0.3144, 0.2234

Background



This preview shows how black text looks on a background with the Yxy color 27.0889, 0.3144, 0.2234.



This preview shows how white text looks on a background with the Yxy color 27.0889, 0.3144, 0.2234.

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

27.0889, 0.3144, 0.2234

Protanopia

27.5009, 0.2280, 0.2145

Deuteranopia

27.2291, 0.2568, 0.2502



Tritanopia

27.1101, 0.3746, 0.3165

Trichromacy



Original Color

27.0889, 0.3144, 0.2234



Protanomaly

26.5584, 0.2525, 0.2150



Deuteranomaly

26.6326, 0.2754, 0.2377



Tritanomaly

26.9622, 0.3515, 0.2788

Monochromacy



Original Color

27.0889, 0.3144, 0.2234



Achromatopsia

28.7441, 0.3127, 0.3290



Achromatomaly

27.5533, 0.3127, 0.2832

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0889, 0.3144, 0.2234 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, 112, 197)` looks like.

```
.text, #text, p{  
    color:rgb(194, 112, 197)  
}
```

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, 112, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 112, 197) }
```

Border

The CSS property to change the border of an element to Yxy 27.0889, 0.3144, 0.2234 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, 112, 197) }
```

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

```
.border{ border-color:rgb(194, 112, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 112, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 112, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 112, 197);  
box-shadow:4px 4px 4px 4px rgb(194, 112,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0889, 0.3144, 0.2234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 112, 197) }
```

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

```
.background{ background-color: rgb(194,  
112, 197) }
```

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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