

Converting Colors

Yxy(29.0686, 0.3135, 0.2219)

Have a look what the booklet for
Yxy(29.0686, 0.3135, 0.2219)
contains.

Yxy(28.9005, 0.3135, 0.2218)	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(28.9005, 0.3135, 0.2218)

Conversions

Conversions Part 1

Format	Color
Hex	C873CC
RGB	200, 115, 204
RGB Percent	78%, 45%, 80%
CMY	0.2157, 0.5490, 0.2000
CMYK	0.02, 0.44, 0.00, 0.20
HSL	297°, 47%, 63%
HSV	297°, 44%, 80%
XYZ	40.8490, 28.9005, 60.5503
YIQ	150.5610, 22.0910, 45.6990

Conversions

Conversions Part 2

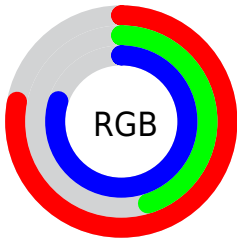
Format	Color
R _{YB}	200, 115, 204
Decimal	13136844
CIE _{Lab}	60.69, 46.75, -32.24
CIE _{LCh}	61, 56.788, 325.411
Yxy	28.9005, 0.3135, 0.2218
Android (android.graphics.Color)	4291326924 (0xFFC873CC)
YUV	150.5610, 26.3454, 43.3580
Hunter-Lab	53.7592, 41.5549, -29.1484

Details

The Yxy color **28.9005, 0.3135, 0.2218** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **48.3447, 0.3091, 0.4627**, and the grayscale version is **30.6298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8559, 0.3167, 0.2450**, and **11.6542, 0.3114, 0.1941** is the 20% darker color. If you saturate the color by 10%, you get **24.6269, 0.3132, 0.2002**, and if you desaturate by 10%, it is **34.2068, 0.3136, 0.2455**.

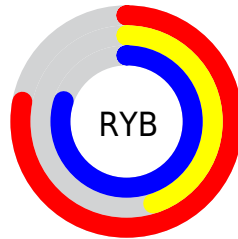
Distribution



Red (78%)

Green (45%)

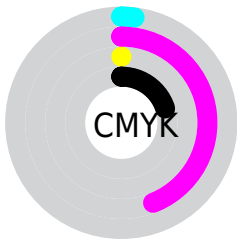
Blue (80%)



Red (78%)

Yellow (45%)

Blue (80%)

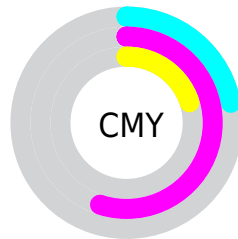


Cyan (2%)

Magenta (44%)

Yellow (0%)

Black (20%)



Cyan (22%)


Magenta (55%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9005, 0.3135, 0.2218 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 28.9005, 0.3135, 0.2218 by changing the saturation by 10% instead.

 28.9005, 0.3135,
0.2218


 28.9005, 0.3135,
0.2218

296.7452, 0.3149,
0.2743


 19.0056, 0.3125,
0.2092


 57.9190, 0.3145,
0.2405

 11.6743, 0.3110,
0.1935


 77.8113, 0.3147,
0.2476

 6.5223, 0.3083,
0.1733


 101.8048, 0.3148,
0.2537

 3.1652, 0.3034,
0.1468

130.2840, 0.3149,
0.2590

 1.2186, 0.2938,
0.1111

163.6333, 0.3150,
0.2635

 0.0768, 0.2864,
0.0173

202.2370, 0.3150,


 0.0000, 0.1243,


0.2675


0.0000

246.4795, 0.3150,
0.2711


 0.0000, 0.0000,
0.0000


 28.9005, 0.3135,
0.2218


 28.9005, 0.3135,
0.2218


 24.6269, 0.3132,
0.2002


 34.2068, 0.3136,
0.2455


 21.3134, 0.3128,
0.1817


 40.6044, 0.3135,
0.2704


 18.8844, 0.3121,
0.1670


 48.1519, 0.3132,
0.2956

 17.2510, 0.3113,
0.1565

 56.9028, 0.3129,
0.3203


 16.3058, 0.3103,
0.1503


 66.9072, 0.3124,
0.3440

 15.9399, 0.3096,
0.1479

 78.2122, 0.3120,
0.3663

 89.0607, 0.3116,
0.3842

 89.1925, 0.3122,
0.3841

 89.3251, 0.3127,
0.3840

Harmonies

Analogous

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



28.9005, 0.2313, 0.1966



28.9005, 0.3135, 0.2218



28.9005, 0.4092, 0.2679

Triad

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



28.9005, 0.3135, 0.2218



28.9005, 0.4513, 0.4558



28.9005, 0.1695, 0.2957

Complementary

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



28.9005, 0.3135, 0.2218



48.3447, 0.3091, 0.4627

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.



28.9005, 0.2146, 0.3966



28.9005, 0.3135, 0.2218



28.9005, 0.3767, 0.4987

Square

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



28.9005, 0.3135, 0.2218



28.9005, 0.4926, 0.3921



28.9005, 0.2903, 0.4825



28.9005, 0.1588, 0.2273

Rectangle

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



28.9005, 0.3135, 0.2218



28.9005, 0.4614, 0.3065



28.9005, 0.2903, 0.4825



28.9005, 0.1806, 0.3270

Sweetspot

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



28.9018, 0.3135, 0.2218



80.3617, 0.3132, 0.2967



21.3069, 0.2326, 0.2013



16.5618, 0.3133, 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.



28.9018, 0.3135, 0.2218



41.3856, 0.3133, 0.2021



27.7783, 0.3629, 0.2672



11.3771, 0.3131, 0.3061



10.0443, 0.3098, 0.1480



0.5263, 0.3121, 0.1493

Inverse Universe

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



26.4317, 0.4214, 0.3242



36.8454, 0.4579, 0.3234



49.1982, 0.2823, 0.4017



11.2217, 0.3283, 0.3280



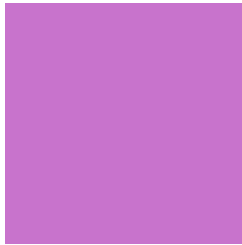
8.0963, 0.6347, 0.3270



0.4206, 0.6169, 0.3172

Previews

White Background



This preview shows how the Yxy color 28.9005, 0.3135, 0.2218 looks on a white background.

Color Contrast Check

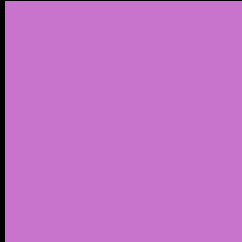
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9005, 0.3135, 0.2218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

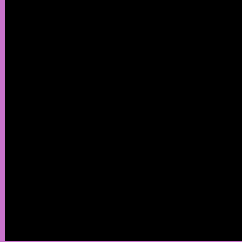
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9005, 0.3135, 0.2218

Background



This preview shows how black text looks on a background with the Yxy color 28.9005, 0.3135, 0.2218.

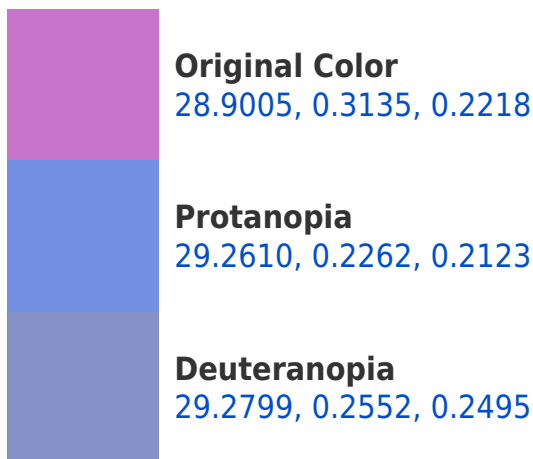


This preview shows how white text looks on a background with the Yxy color 28.9005, 0.3135, 0.2218.

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





Tritanopia

28.7711, 0.3756, 0.3155

Trichromacy



Original Color

28.9005, 0.3135, 0.2218



Protanomaly

28.0926, 0.2516, 0.2128



Deuteranomaly

28.4353, 0.2738, 0.2361



Tritanomaly

28.6617, 0.3518, 0.2776

Monochromacy



Original Color

28.9005, 0.3135, 0.2218



Achromatopsia

30.9469, 0.3127, 0.3290



Achromatomaly

29.5143, 0.3138, 0.2832

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9005, 0.3135, 0.2218 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(200, 115, 204)` looks like.

```
.text, #text, p{  
    color:rgb(200, 115, 204)  
}
```

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(200, 115, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 115, 204) }
```

Border

The CSS property to change the border of an element to Yxy 28.9005, 0.3135, 0.2218 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(200, 115, 204) }
```

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

```
.border{ border-color:rgb(200, 115, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 115, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 115, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 115, 204);  
box-shadow:4px 4px 4px 4px rgb(200, 115,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9005, 0.3135, 0.2218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 115, 204) }
```

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

```
.background{ background-color: rgb(200,  
115, 204) }
```

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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