

Converting Colors

$Y_{xy}(28.0987, 0.2894, 0.2547)$

Have a look what the booklet for
Yxy(28.0987, 0.2894, 0.2547)
contains.

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Color

Yxy(28.0689, 0.2895, 0.2548)

Conversions

Conversions Part 1

Format	Color
Hex	A086BA
RGB	160, 134, 186
RGB Percent	63%, 53%, 73%
CMY	0.3724, 0.4746, 0.2705
CMYK	0.14, 0.28, 0.00, 0.27
HSL	270°, 27%, 63%
HSV	270°, 28%, 73%
XYZ	31.8915, 28.0689, 50.2001
YIQ	147.7020, -1.1960, 21.6840

Conversions

Conversions Part 2

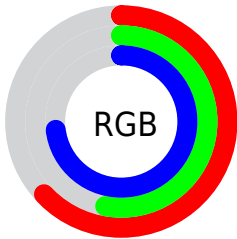
Format	Color
R _Y B	160, 134, 186
Decimal	10520250
CIE Lab	59.95, 20.07, -23.56
CIE LCh	60, 30.945, 310.427
Yxy	28.0689, 0.2895, 0.2548
Android (android.graphics.Color)	4288710330 (0xFFA086BA)
YUV	147.7020, 18.8809, 10.7853
Hunter-Lab	52.9801, 14.7333, -19.0929

Details

The Yxy color $28.0689, 0.2895, 0.2548$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $44.3162, 0.3309, 0.4034$, and the grayscale version is $29.4061, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.3985, 0.2946, 0.2688$, and $11.2222, 0.2805, 0.2316$ is the 20% darker color. If you saturate the color by 10%, you get $22.4508, 0.2788, 0.2255$, and if you desaturate by 10%, it is $34.6653, 0.2989, 0.2830$.

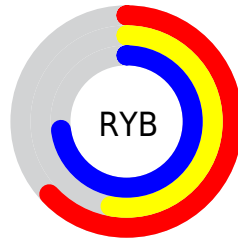
Distribution



Red (63%)

Green (53%)

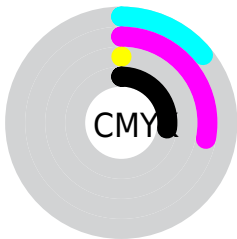
Blue (73%)



Red (63%)

Yellow (53%)

Blue (73%)

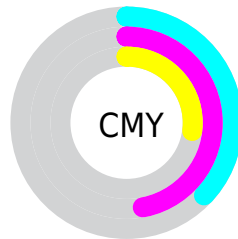


Cyan (14%)

Magenta (28%)

Yellow (0%)

Black (27%)



Cyan (37%)


Magenta (47%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0689, 0.2895, 0.2548 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 28.0689, 0.2895, 0.2548 by changing the saturation by 10% instead.


 28.0689, 0.2895,
0.2548

 28.0689, 0.2895,
0.2548


292.7960, 0.3026,
0.2930


 18.3776, 0.2857,
0.2450


 56.5944, 0.2946,
0.2689

 11.2214, 0.2806,
0.2323


 76.1974, 0.2964,
0.2741

 6.2160, 0.2732,
0.2152


 99.8732, 0.2979,
0.2785

 2.9768, 0.2618,
0.1912

128.0060, 0.2991,
0.2823

 1.1197, 0.2424,
0.1555

160.9803, 0.3002,
0.2855

 0.0000, 0.2111,
0.0000

199.1804, 0.3011,

 0.0000, 0.0000,

0.2883

0.0000

242.9909, 0.3019,
0.2908

■ 28.0689, 0.2895,
0.2548

■ 28.0689, 0.2895,
0.2548

■ 22.4508, 0.2788,
0.2255

■ 34.6653, 0.2989,
0.2830

■ 17.7584, 0.2670,
0.1961

■ 42.2819, 0.3071,
0.3094

■ 13.9398, 0.2544,
0.1677

■ 50.9624, 0.3140,
0.3338

■ 10.9359, 0.2412,
0.1418

■ 60.7468, 0.3199,
0.3560

■ 8.6803, 0.2282,
0.1197

■ 71.6731, 0.3248,
0.3760

7.0953, 0.2158,
0.1028

83.7774, 0.3289,
0.3939

6.0613, 0.2046,
0.0910

91.0830, 0.3337,
0.4015

5.8795, 0.2024,
0.0889

92.6174, 0.3399,
0.4001

94.2343, 0.3461,
0.3987

Harmonies

Analogous

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



28.0689, 0.2477, 0.2476



28.0689, 0.2895, 0.2548



28.0689, 0.3414, 0.2781

Triad

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



28.0689, 0.2895, 0.2548



28.0689, 0.4085, 0.3914



28.0689, 0.2409, 0.3397

Complementary

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



28.0689, 0.2895, 0.2548



44.3162, 0.3309, 0.4034

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.



28.0689, 0.2797, 0.3893



28.0689, 0.2895, 0.2548



28.0689, 0.3768, 0.4175

Square

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



28.0689, 0.2895, 0.2548



28.0689, 0.4134, 0.3531



28.0689, 0.3294, 0.4190



28.0689, 0.2215, 0.2916

Rectangle

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



28.0689, 0.2895, 0.2548



28.0689, 0.3743, 0.3004



28.0689, 0.3294, 0.4190



28.0689, 0.2520, 0.3571

Sweetspot

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



28.0701, 0.2895, 0.2548



76.3834, 0.3070, 0.3090



33.7558, 0.2687, 0.2901



16.3342, 0.3058, 0.3051



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



28.0701, 0.2895, 0.2548



43.9616, 0.2826, 0.2356



31.0341, 0.3159, 0.2605



8.9344, 0.3060, 0.3059



3.9994, 0.2037, 0.0896



0.1778, 0.2326, 0.1055

Inverse Universe

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



30.0252, 0.3432, 0.2934



48.2411, 0.3529, 0.2847



41.9131, 0.3090, 0.4086



9.0850, 0.3212, 0.3176



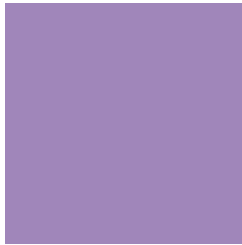
7.5686, 0.4934, 0.2492



0.2793, 0.4375, 0.2184

Previews

White Background



This preview shows how the Yxy color 28.0689, 0.2895, 0.2548 looks on a white background.

Color Contrast Check

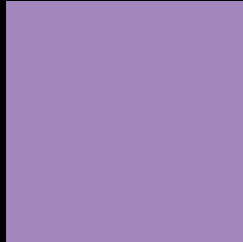
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0689, 0.2895, 0.2548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

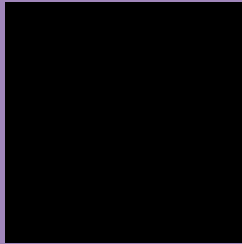
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0689, 0.2895, 0.2548

Background



This preview shows how black text looks on a background with the Yxy color 28.0689, 0.2895, 0.2548.



This preview shows how white text looks on a background with the Yxy color 28.0689, 0.2895, 0.2548.

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

28.0689, 0.2895, 0.2548

Protanopia

28.3205, 0.2583, 0.2539

Deuteranopia

28.2100, 0.2710, 0.2654



Tritanopia

28.1868, 0.3157, 0.3120

Trichromacy



Original Color

28.0689, 0.2895, 0.2548

Protanomaly

28.2247, 0.2696, 0.2551

Deuteranomaly

28.0790, 0.2772, 0.2608

Tritanomaly

27.9252, 0.3061, 0.2897

Monochromacy



Original Color

28.0689, 0.2895, 0.2548

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.9290, 0.3037, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0689, 0.2895, 0.2548 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(160, 134, 186)` looks like.

```
.text, #text, p{  
    color:rgb(160, 134, 186)  
}
```

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(160, 134, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 134, 186) }
```

Border

The CSS property to change the border of an element to Yxy 28.0689, 0.2895, 0.2548 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(160, 134, 186) }
```

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

```
.border{ border-color:rgb(160, 134, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 134, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 134, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 134, 186);  
box-shadow:4px 4px 4px 4px rgb(160, 134,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0689, 0.2895, 0.2548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 134, 186) }
```

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

```
.background{ background-color: rgb(160,  
134, 186) }
```

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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