

Converting Colors

$Y_{xy}(30.6080, 0.2777, 0.2470)$

Have a look what the booklet for
Yxy(30.6080, 0.2777, 0.2470)
contains.

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Color

Yxy(30.6935, 0.2780, 0.2477)

Conversions

Conversions Part 1

Format	Color
Hex	A08DC8
RGB	160, 141, 200
RGB Percent	63%, 55%, 78%
CMY	0.3726, 0.4470, 0.2156
CMYK	0.20, 0.30, 0.00, 0.22
HSL	259°, 35%, 67%
HSV	259°, 30%, 78%
XYZ	34.4481, 30.6935, 58.7724
YIQ	153.4070, -7.6150, 22.3770

Conversions

Conversions Part 2

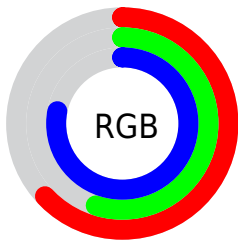
Format	Color
RYB	160, 141, 200
Decimal	10522056
CIELab	62.25, 19.21, -27.93
CIELCh	62, 33.902, 304.521
Yxy	30.6935, 0.2780, 0.2477
Android (android.graphics.Color)	4288712136 (0xFFA08DC8)
YUV	153.4070, 22.9703, 5.7821
Hunter-Lab	55.4017, 14.0361, -24.1161

Details

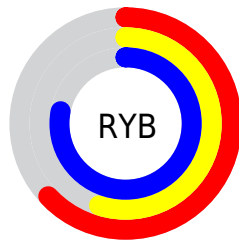
The Yxy color **30.6935, 0.2780, 0.2477** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.0772, 0.3407, 0.4061**, and the grayscale version is **31.9425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6973, 0.2862, 0.2649**, and **12.6833, 0.2652, 0.2244** is the 20% darker color. If you saturate the color by 10%, you get **23.9957, 0.2631, 0.2163**, and if you desaturate by 10%, it is **38.6118, 0.2913, 0.2775**.

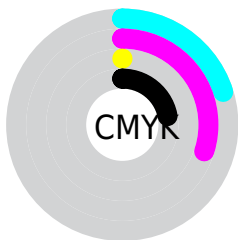
Distribution



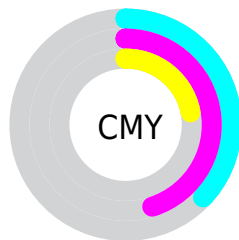
- Red (63%)
- Green (55%)
- Blue (78%)



- Red (63%)
- Yellow (55%)
- Blue (78%)



- Cyan (20%)
- Magenta (30%)
- Yellow (0%)
- Black (22%)




- Cyan (37%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6935, 0.2780, 0.2477 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 30.6935, 0.2780, 0.2477 by changing the saturation by 10% instead.


 30.6935, 0.2780,
0.2477


 30.6935, 0.2780,
0.2477


305.1238, 0.2969,
0.2888

 20.3656, 0.2728,
0.2374

 60.7572, 0.2852,
0.2627

 12.6611, 0.2659,
0.2243

 81.2617, 0.2878,
0.2683

 7.1956, 0.2563,
0.2069


 105.9273, 0.2900,
0.2730

 3.5847, 0.2421,
0.1830

135.1382, 0.2918,
0.2771

 1.4441, 0.2196,
0.1489

169.2790, 0.2934,
0.2806

 0.2489, 0.1854,
0.0654

208.7339, 0.2947,

 0.0000, 0.0000,

0.2837

0.0000

253.8873, 0.2959,
0.2864

■ 30.6935, 0.2780,
0.2477

■ 30.6935, 0.2780,
0.2477

■ 23.9957, 0.2631,
0.2163

■ 38.6118, 0.2913,
0.2775

■ 18.4524, 0.2470,
0.1843

■ 47.8047, 0.3031,
0.3051

■ 13.9970, 0.2303,
0.1534

■ 58.3273, 0.3132,
0.3302

■ 10.5542, 0.2136,
0.1252

■ 70.2304, 0.3218,
0.3526

■ 8.0388, 0.1979,
0.1017

■ 83.5624, 0.3292,
0.3725

■ 6.3509, 0.1842,
0.0842

■ 94.4649, 0.3363,
0.3846

■ 5.3165, 0.1730,
0.0729

■ 96.9483, 0.3454,
0.3830

■ 5.2726, 0.1725,
0.0724

■ 96.9517, 0.3454,
0.3830

Harmonies

Analogous

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



30.6935, 0.2372, 0.2438



30.6935, 0.2780, 0.2477



30.6935, 0.3320, 0.2692

Triad

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



30.6935, 0.2780, 0.2477



30.6935, 0.4179, 0.3872



30.6935, 0.2432, 0.3512

Complementary

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



30.6935, 0.2780, 0.2477



53.0772, 0.3407, 0.4061

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.



30.6935, 0.2873, 0.4021



30.6935, 0.2780, 0.2477



30.6935, 0.3889, 0.4190

Square

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



30.6935, 0.2780, 0.2477



30.6935, 0.4170, 0.3456



30.6935, 0.3406, 0.4273



30.6935, 0.2185, 0.2979

Rectangle

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



30.6935, 0.2780, 0.2477



30.6935, 0.3684, 0.2912



30.6935, 0.3406, 0.4273



30.6935, 0.2561, 0.3697

Sweetspot

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



30.6947, 0.2780, 0.2477



83.3870, 0.3035, 0.3061



43.0213, 0.2677, 0.3030



17.3124, 0.3018, 0.3022



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.



30.6947, 0.2780, 0.2477



45.9306, 0.2693, 0.2290



34.0685, 0.3056, 0.2540



10.4503, 0.3032, 0.3055



3.3944, 0.1738, 0.0731



0.2000, 0.1977, 0.0863

Inverse Universe

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



34.6732, 0.3346, 0.2783



53.9491, 0.3404, 0.2677



49.9059, 0.3170, 0.4121



10.7563, 0.3186, 0.3135



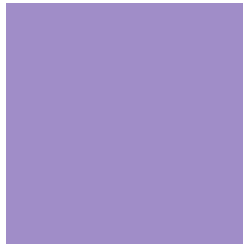
8.9492, 0.4217, 0.2097



0.4366, 0.3957, 0.1954

Previews

White Background



This preview shows how the Yxy color 30.6935, 0.2780, 0.2477 looks on a white background.

Color Contrast Check

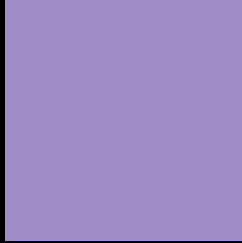
Large Text (above 18pt) WCAG AA × Fail

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 30.6935, 0.2780, 0.2477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

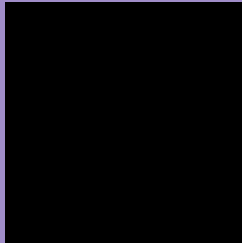
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6935, 0.2780, 0.2477

Background



This preview shows how black text looks on a background with the Yxy color 30.6935, 0.2780, 0.2477.



This preview shows how white text looks on a background with the Yxy color 30.6935, 0.2780, 0.2477.

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

30.6935, 0.2780, 0.2477

Protanopia

31.0195, 0.2529, 0.2473

Deuteranopia

30.7923, 0.2615, 0.2552



Tritanopia

30.8053, 0.3064, 0.3123

Trichromacy



Original Color

30.6935, 0.2780, 0.2477

Protanomaly

30.7570, 0.2609, 0.2468

Deuteranomaly

30.5774, 0.2677, 0.2521

Tritanomaly

30.7208, 0.2958, 0.2864

Monochromacy



Original Color

30.6935, 0.2780, 0.2477

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.4651, 0.3003, 0.2979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6935, 0.2780, 0.2477 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, 141, 200)` looks like.

```
.text, #text, p{  
    color:rgb(160, 141, 200)  
}
```

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, 141, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 141, 200) }
```

Border

The CSS property to change the border of an element to Yxy 30.6935, 0.2780, 0.2477 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, 141, 200) }
```

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

```
.border{ border-color:rgb(160, 141, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 141, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 141, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 141, 200);  
box-shadow:4px 4px 4px 4px rgb(160, 141,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6935, 0.2780, 0.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 141, 200) }
```

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

```
.background{ background-color: rgb(160,  
141, 200) }
```

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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