

Converting Colors

$Yxy(29.9695, 0.2794, 0.2462)$

Have a look what the booklet for
Yxy(29.9695, 0.2794, 0.2462)
contains.

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Color

Yxy(30.0623, 0.2787, 0.2461)

Conversions

Conversions Part 1

Format	Color
Hex	A08BC7
RGB	160, 139, 199
RGB Percent	63%, 55%, 78%
CMY	0.3724, 0.4549, 0.2196
CMYK	0.20, 0.30, 0.00, 0.22
HSL	261°, 35%, 66%
HSV	261°, 30%, 78%
XYZ	34.0445, 30.0623, 58.0480
YIQ	152.1190, -6.7440, 23.1120

Conversions

Conversions Part 2

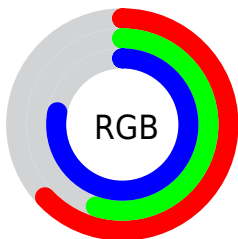
Format	Color
R_{YB}	160, 139, 199
Decimal	10521543
CIE _{Lab}	61.71, 20.14, -28.19
CIE _{LCh}	62, 34.648, 305.546
Yxy	30.0623, 0.2787, 0.2461
Android (android.graphics.Color)	4288711623 (0xFFA08BC7)
YUV	152.1190, 23.1123, 6.9116
Hunter-Lab	54.8291, 14.8835, -24.3904

Details

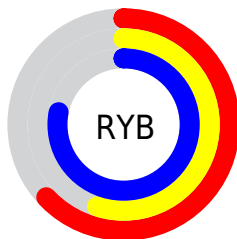
The Yxy color **30.0623, 0.2787, 0.2461** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.1772, 0.3398, 0.4082**, and the grayscale version is **31.3561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8070, 0.2861, 0.2627**, and **12.3149, 0.2659, 0.2221** is the 20% darker color. If you saturate the color by 10%, you get **23.5522, 0.2644, 0.2149**, and if you desaturate by 10%, it is **37.7623, 0.2916, 0.2758**.

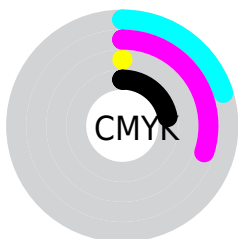
Distribution



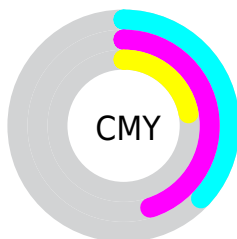
- Red (63%)
- Green (55%)
- Blue (78%)



- 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 30.0623, 0.2787, 0.2461 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 30.0623, 0.2787, 0.2461 by changing the saturation by 10% instead.


 30.0623, 0.2787,
0.2461


 30.0623, 0.2787,
0.2461


302.1947, 0.2973,
0.2881

 19.8859, 0.2736,
0.2356


 59.7607, 0.2858,
0.2614

 12.3121, 0.2667,
0.2221


 80.0514, 0.2884,
0.2671

 6.9566, 0.2571,
0.2043


 104.4824, 0.2905,
0.2720

 3.4350, 0.2428,
0.1799

133.4381, 0.2923,
0.2761

 1.3628, 0.2200,
0.1450

167.3027, 0.2939,
0.2797

 0.1891, 0.1857,
0.0523

206.4608, 0.2952,

 0.0000, 0.0000,

0.2828

0.0000

251.2967, 0.2963,
0.2856

■ 30.0623, 0.2787,
0.2461

■ 30.0623, 0.2787,
0.2461

■ 23.5522, 0.2644,
0.2149

■ 37.7623, 0.2916,
0.2758

■ 18.1671, 0.2488,
0.1834

■ 46.7053, 0.3028,
0.3035

■ 13.8415, 0.2326,
0.1530

■ 56.9454, 0.3126,
0.3286

■ 10.5013, 0.2164,
0.1254

■ 68.5325, 0.3209,
0.3513

■ 8.0625, 0.2011,
0.1025

■ 81.5138, 0.3279,
0.3714

■ 6.4259, 0.1876,
0.0856

■ 93.7478, 0.3344,
0.3861

■ 5.4180, 0.1765,
0.0746

■ 96.0603, 0.3430,
0.3845

■ 96.9041, 0.3460,
0.3840

Harmonies

Analogous

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



30.0623, 0.2363, 0.2413



30.0623, 0.2787, 0.2461



30.0623, 0.3345, 0.2686

Triad

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



30.0623, 0.2787, 0.2461



30.0623, 0.4203, 0.3899



30.0623, 0.2400, 0.3498

Complementary

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



30.0623, 0.2787, 0.2461



52.1772, 0.3398, 0.4082

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.



30.0623, 0.2847, 0.4029



30.0623, 0.2787, 0.2461



30.0623, 0.3894, 0.4223

Square

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



30.0623, 0.2787, 0.2461



30.0623, 0.4207, 0.3473



30.0623, 0.3394, 0.4301



30.0623, 0.2155, 0.2952

Rectangle

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



30.0623, 0.2787, 0.2461



30.0623, 0.3718, 0.2914



30.0623, 0.3394, 0.4301



30.0623, 0.2530, 0.3690

Sweetspot

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



30.0635, 0.2787, 0.2461



83.5036, 0.3039, 0.3062



41.4546, 0.2664, 0.2995



17.3410, 0.3024, 0.3023



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.



30.0635, 0.2787, 0.2461



45.1393, 0.2697, 0.2264



33.5346, 0.3074, 0.2528



10.4653, 0.3036, 0.3055



3.5279, 0.1778, 0.0753



0.2075, 0.2020, 0.0886

Inverse Universe

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



33.8190, 0.3370, 0.2792



52.8431, 0.3438, 0.2685



49.0114, 0.3155, 0.4146



10.7510, 0.3190, 0.3141



8.8478, 0.4329, 0.2158



0.4323, 0.4038, 0.1998

Previews

White Background



This preview shows how the Yxy color 30.0623, 0.2787, 0.2461 looks on a white background.

Color Contrast Check

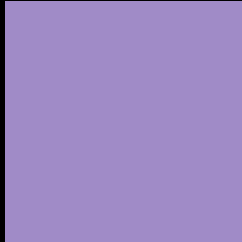
Large Text (above 18pt) WCAG AA × Fail

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 30.0623, 0.2787, 0.2461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

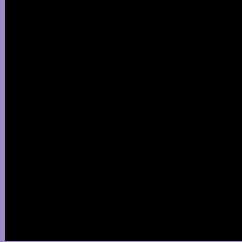
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0623, 0.2787, 0.2461

Background



This preview shows how black text looks on a background with the Yxy color 30.0623, 0.2787, 0.2461.



This preview shows how white text looks on a background with the Yxy color 30.0623, 0.2787, 0.2461.

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

30.0623, 0.2787, 0.2461

Protanopia

30.1807, 0.2516, 0.2452

Deuteranopia

30.2170, 0.2611, 0.2559



Tritanopia

30.1084, 0.3084, 0.3122

Trichromacy



Original Color

30.0623, 0.2787, 0.2461

Protanomaly

30.0091, 0.2604, 0.2449

Deuteranomaly

30.0435, 0.2666, 0.2515

Tritanomaly

30.0316, 0.2976, 0.2862

Monochromacy



Original Color

30.0623, 0.2787, 0.2461

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.7006, 0.3002, 0.2962

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0623, 0.2787, 0.2461 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, 139, 199)` looks like.

```
.text, #text, p{  
    color:rgb(160, 139, 199)  
}
```

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, 139, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 139, 199) }
```

Border

The CSS property to change the border of an element to Yxy 30.0623, 0.2787, 0.2461 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, 139, 199) }
```

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

```
.border{ border-color:rgb(160, 139, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 139, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 139, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 139, 199);  
box-shadow:4px 4px 4px 4px rgb(160, 139,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0623, 0.2787, 0.2461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 139, 199) }
```

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

```
.background{ background-color: rgb(160,  
139, 199) }
```

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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