

Converting Colors

$Yxy(29.7644, 0.3227, 0.2985)$

Have a look what the booklet for
Yxy(29.7644, 0.3227, 0.2985)
contains.

Yxy(29.7644, 0.3227, 0.2985)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.7644, 0.3227, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	A98CA1
RGB	169, 140, 161
RGB Percent	66%, 55%, 63%
CMY	0.3372, 0.4510, 0.3686
CMYK	0.00, 0.17, 0.05, 0.34
HSL	317°, 14%, 61%
HSV	317°, 17%, 66%
XYZ	32.1775, 29.7644, 37.7714
YIQ	151.0650, 10.5430, 12.6790

Conversions

Conversions Part 2

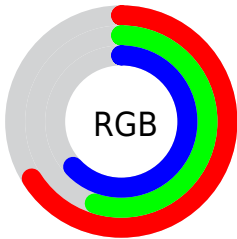
Format	Color
R_{YB}	169, 140, 161
Decimal	11111585
CIE _{Lab}	61.45, 14.64, -6.99
CIE _{LCh}	61, 16.224, 334.466
Yxy	29.7644, 0.3227, 0.2985
Android (android.graphics.Color)	4289301665 (0xFFA98CA1)
YUV	151.0650, 4.8980, 15.7290
Hunter-Lab	54.5568, 9.8046, -2.8586

Details

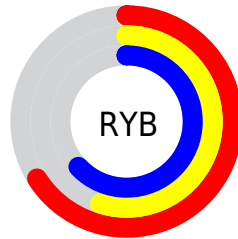
The Yxy color $29.7644, 0.3227, 0.2985$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $36.0980, 0.3040, 0.3616$, and the grayscale version is $30.9536, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.3887, 0.3202, 0.3046$, and $12.1984, 0.3271, 0.2901$ is the 20% darker color. If you saturate the color by 10%, you get $25.0384, 0.3298, 0.2800$, and if you desaturate by 10%, it is $35.2579, 0.3166, 0.3165$.

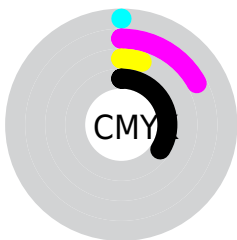
Distribution



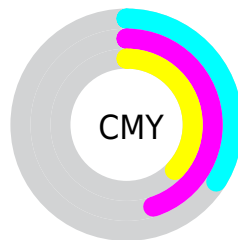
- Red (66%)
- Green (55%)
- Blue (63%)



- Red (66%)
- Yellow (55%)
- Blue (63%)



- Cyan (0%)
- Magenta (17%)
- Yellow (5%)
- Black (34%)



- Cyan (34%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7644, 0.3227, 0.2985 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 29.7644, 0.3227, 0.2985 by changing the saturation by 10% instead.


 29.7644, 0.3227,
0.2985


 29.7644, 0.3227,
0.2985


300.8047, 0.3175,
0.3145


 19.6598, 0.3241,
0.2942


 59.2894, 0.3208,
0.3045

 12.1480, 0.3259,
0.2886


 79.4786, 0.3201,
0.3067

 6.8446, 0.3283,
0.2807


 103.7981, 0.3195,
0.3086

 3.3651, 0.3319,
0.2691

132.6324, 0.3190,
0.3101

 1.3252, 0.3376,
0.2503

166.3658, 0.3185,
0.3115

 0.1606, 0.3822,
0.1203

205.3827, 0.3181,

 0.0000, 0.0000,

0.3126

0.0000

250.0676, 0.3178,
0.3136

■ 29.7644, 0.3227,
0.2985

■ 29.7644, 0.3227,
0.2985

■ 25.0384, 0.3298,
0.2800

■ 35.2579, 0.3166,
0.3165

■ 21.0413, 0.3380,
0.2616

■ 41.5474, 0.3113,
0.3338

■ 17.7372, 0.3472,
0.2441

■ 48.6646, 0.3069,
0.3500

■ 15.0857, 0.3573,
0.2282

■ 56.6384, 0.3032,
0.3651

■ 13.0418, 0.3682,
0.2151

■ 65.4964, 0.3001,
0.3791

■ 11.5551, 0.3794,
0.2057

■ 75.2647, 0.2975,
0.3919

■ 10.5669, 0.3908,
0.2008

■ 83.8379, 0.2952,
0.4003

■ 9.9884, 0.4019,
0.2003

■ 84.0504, 0.2928,
0.3946

■ 9.8517, 0.4050,
0.2005

■ 84.2696, 0.2904,
0.3890

Harmonies

Analogous

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



29.7644, 0.2962, 0.2873



29.7644, 0.3227, 0.2985



29.7644, 0.3474, 0.3171

Triad

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



29.7644, 0.3227, 0.2985



29.7644, 0.3508, 0.3733



29.7644, 0.2652, 0.3155

Complementary

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



29.7644, 0.3227, 0.2985



36.0980, 0.3040, 0.3616

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.



29.7644, 0.2786, 0.3403



29.7644, 0.3227, 0.2985



29.7644, 0.3277, 0.3749

Square

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



29.7644, 0.3227, 0.2985



29.7644, 0.3638, 0.3597



29.7644, 0.3013, 0.3627



29.7644, 0.2639, 0.2959

Rectangle

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



29.7644, 0.3227, 0.2985



29.7644, 0.3590, 0.3317



29.7644, 0.3013, 0.3627



29.7644, 0.2684, 0.3235

Sweetspot

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



29.7657, 0.3227, 0.2985



65.3539, 0.3154, 0.3202



27.8913, 0.2929, 0.2846



14.0864, 0.3158, 0.3190



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



29.7657, 0.3227, 0.2985



49.5734, 0.3256, 0.2908



29.2915, 0.3376, 0.3190



7.6308, 0.3178, 0.3128



7.3496, 0.4040, 0.1999



0.1868, 0.3711, 0.1818

Inverse Universe

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



29.7657, 0.3227, 0.2985



49.5734, 0.3256, 0.2908



36.5771, 0.2926, 0.3392



7.6308, 0.3178, 0.3128



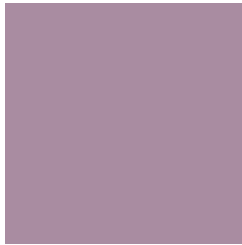
7.3496, 0.4040, 0.1999



0.1868, 0.3711, 0.1818

Previews

White Background



This preview shows how the Yxy color 29.7644, 0.3227, 0.2985 looks on a white background.

Color Contrast Check

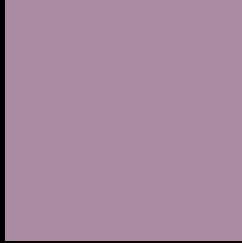
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7644, 0.3227, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

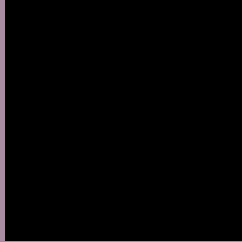
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7644, 0.3227, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 29.7644, 0.3227, 0.2985.



This preview shows how white text looks on a background with the Yxy color 29.7644, 0.3227, 0.2985.

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

29.7644, 0.3227, 0.2985

Protanopia

29.7316, 0.2941, 0.2998

Deuteranopia

29.7537, 0.3118, 0.3049



Tritanopia

29.6416, 0.3307, 0.3128

Trichromacy



Original Color

29.7644, 0.3227, 0.2985

Protanomaly

29.4969, 0.3039, 0.2988

Deuteranomaly

29.8644, 0.3160, 0.3038

Tritanomaly

29.7411, 0.3276, 0.3085

Monochromacy



Original Color

29.7644, 0.3227, 0.2985

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.5031, 0.3164, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7644, 0.3227, 0.2985 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(169, 140, 161)` looks like.

```
.text, #text, p{  
    color:rgb(169, 140, 161)  
}
```

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(169, 140, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 140, 161) }
```

Border

The CSS property to change the border of an element to Yxy 29.7644, 0.3227, 0.2985 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(169, 140, 161) }
```

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

```
.border{ border-color:rgb(169, 140, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 140, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 140, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 140, 161);  
box-shadow:4px 4px 4px 4px rgb(169, 140,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7644, 0.3227, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 140, 161) }
```

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

```
.background{ background-color: rgb(169,  
140, 161) }
```

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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