

Converting Colors

$Y_{xy}(32.6375, 0.2932, 0.2789)$

Have a look what the booklet for
Yxy(32.6375, 0.2932, 0.2789)
contains.

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Color

Yxy(32.6370, 0.2937, 0.2795)

Conversions

Conversions Part 1

Format	Color
Hex	A295B8
RGB	162, 149, 184
RGB Percent	64%, 58%, 72%
CMY	0.3648, 0.4156, 0.2784
CMYK	0.12, 0.19, 0.00, 0.28
HSL	262°, 20%, 65%
HSV	262°, 19%, 72%
XYZ	34.2951, 32.6370, 49.8371
YIQ	156.8770, -3.4870, 13.6410

Conversions

Conversions Part 2

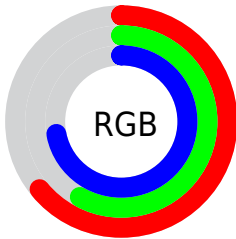
Format	Color
R _Y B	162, 149, 184
Decimal	10655160
CIE Lab	63.87, 11.71, -16.43
CIE LCh	64, 20.178, 305.475
Yxy	32.6370, 0.2937, 0.2795
Android (android.graphics.Color)	4288845240 (0xFFA295B8)
YUV	156.8770, 13.3716, 4.4929
Hunter-Lab	57.1288, 7.1803, -11.7323

Details

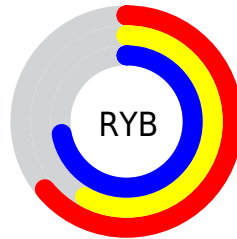
The Yxy color $32.6370, 0.2937, 0.2795$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $45.1118, 0.3293, 0.3773$, and the grayscale version is $33.5981, 0.3127, 0.3290$.

A 20% lighter version of the original color is $63.7549, 0.2976, 0.2888$, and $13.6891, 0.2869, 0.2637$ is the 20% darker color. If you saturate the color by 10%, you get $26.1109, 0.2815, 0.2503$, and if you desaturate by 10%, it is $40.1974, 0.3044, 0.3066$.

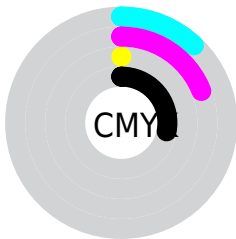
Distribution



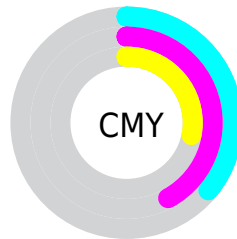
- Red (64%)
- Green (58%)
- Blue (72%)



- Red (64%)
- Yellow (58%)
- Blue (72%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)
- Black (28%)





- Cyan (36%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6370, 0.2937, 0.2795 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 32.6370, 0.2937, 0.2795 by changing the saturation by 10% instead.


 32.6370, 0.2937,
0.2795


 32.6370, 0.2937,
0.2795


314.0109, 0.3040,
0.3049

 21.8485, 0.2909,
0.2729


 63.8084, 0.2976,
0.2889

 13.7456, 0.2871,
0.2644


 84.9601, 0.2990,
0.2924

 7.9440, 0.2818,
0.2529


110.3349, 0.3002,
0.2953

 4.0591, 0.2739,
0.2364

140.3174, 0.3012,
0.2978

 1.7067, 0.2607,
0.2113

175.2918, 0.3020,
0.3000

 0.4280, 0.2394,
0.1479

215.6426, 0.3028,

 0.0000, 0.0000,

0.3018

0.0000

261.7541, 0.3034,
0.3035

■ 32.6370, 0.2937,
0.2795

■ 32.6370, 0.2937,
0.2795

■ 26.1109, 0.2815,
0.2503

■ 40.1974, 0.3044,
0.3066

■ 20.5688, 0.2679,
0.2196

■ 48.8311, 0.3136,
0.3313

■ 15.9625, 0.2530,
0.1885

■ 58.5800, 0.3214,
0.3536

■ 12.2379, 0.2373,
0.1583

■ 69.4828, 0.3280,
0.3734

■ 9.3351, 0.2215,
0.1306

■ 81.5759, 0.3336,
0.3911

■ 7.1866, 0.2063,
0.1072

■ 92.0476, 0.3391,
0.4027

■ 5.7134, 0.1926,
0.0895

■ 94.0444, 0.3469,
0.4008

■ 4.7768, 0.1810,
0.0775

■ 96.1711, 0.3547,
0.3989

■ 4.6957, 0.1799,
0.0765

■ 96.2406, 0.3550,
0.3988

Harmonies

Analogous

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



32.6370, 0.2681, 0.2774



32.6370, 0.2937, 0.2795



32.6370, 0.3257, 0.2932

Triad

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



32.6370, 0.2937, 0.2795



32.6370, 0.3741, 0.3663



32.6370, 0.2710, 0.3414

Complementary

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



32.6370, 0.2937, 0.2795



45.1118, 0.3293, 0.3773

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.



32.6370, 0.2977, 0.3692



32.6370, 0.2937, 0.2795



32.6370, 0.3577, 0.3827

Square

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



32.6370, 0.2937, 0.2795



32.6370, 0.3735, 0.3416



32.6370, 0.3295, 0.3846



32.6370, 0.2556, 0.3114

Rectangle

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



32.6370, 0.2937, 0.2795



32.6370, 0.3463, 0.3073



32.6370, 0.3295, 0.3846



32.6370, 0.2789, 0.3515

Sweetspot

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



32.6384, 0.2937, 0.2795



77.2262, 0.3072, 0.3141



39.0412, 0.2836, 0.3106



16.4377, 0.3066, 0.3124



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



32.6384, 0.2937, 0.2795



53.7699, 0.2886, 0.2670



34.5829, 0.3103, 0.2819



8.8772, 0.3040, 0.3058



3.2737, 0.1811, 0.0771



0.1512, 0.2121, 0.0942

Inverse Universe

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



34.6306, 0.3272, 0.2992



58.1195, 0.3313, 0.2921



43.2884, 0.3142, 0.3796



9.1048, 0.3192, 0.3147



7.9034, 0.4401, 0.2198



0.2901, 0.4019, 0.1988

Previews

White Background



This preview shows how the Yxy color 32.6370, 0.2937, 0.2795 looks on a white background.

Color Contrast Check

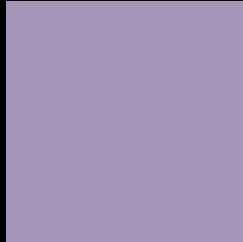
Large Text (above 18pt) WCAG AA × Fail

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 32.6370, 0.2937, 0.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

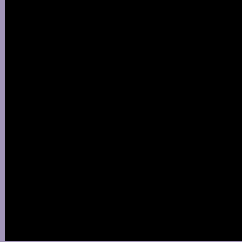
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6370, 0.2937, 0.2795

Background



This preview shows how black text looks on a background with the Yxy color 32.6370, 0.2937, 0.2795.



This preview shows how white text looks on a background with the Yxy color 32.6370, 0.2937, 0.2795.

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

32.6370, 0.2937, 0.2795

Protanopia

32.5734, 0.2779, 0.2795

Deuteranopia

32.6618, 0.2882, 0.2816



Tritanopia

32.5077, 0.3086, 0.3113

Trichromacy



Original Color

32.6370, 0.2937, 0.2795

Protanomaly

32.6770, 0.2830, 0.2799

Deuteranomaly

32.5425, 0.2900, 0.2804

Tritanomaly

32.5471, 0.3033, 0.2999

Monochromacy



Original Color

32.6370, 0.2937, 0.2795

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.2722, 0.3058, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6370, 0.2937, 0.2795 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(162, 149, 184)` looks like.

```
.text, #text, p{  
    color:rgb(162, 149, 184)  
}
```

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(162, 149, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 149, 184) }
```

Border

The CSS property to change the border of an element to Yxy 32.6370, 0.2937, 0.2795 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(162, 149, 184) }
```

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

```
.border{ border-color:rgb(162, 149, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 149, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 149, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 149, 184);  
box-shadow:4px 4px 4px 4px rgb(162, 149,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6370, 0.2937, 0.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 149, 184) }
```

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

```
.background{ background-color: rgb(162,  
149, 184) }
```

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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