

Converting Colors

$Yxy(27.4157, 0.3145, 0.2905)$

Have a look what the booklet for
Yxy(27.4157, 0.3145, 0.2905)
contains.

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Color

Yxy(27.4782, 0.3145, 0.2901)

Conversions

Conversions Part 1

Format	Color
Hex	A187A1
RGB	161, 135, 161
RGB Percent	63%, 53%, 63%
CMY	0.3688, 0.4705, 0.3686
CMYK	0.00, 0.16, 0.00, 0.37
HSL	300°, 12%, 58%
HSV	300°, 16%, 63%
XYZ	29.7894, 27.4782, 37.4522
YIQ	145.7380, 7.1500, 13.5980

Conversions

Conversions Part 2

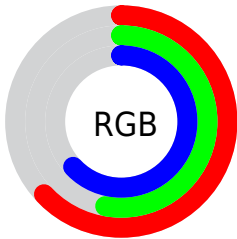
Format	Color
RYB	161, 135, 161
Decimal	10586017
CIELab	59.41, 14.57, -10.11
CIElCh	59, 17.734, 325.256
Yxy	27.4782, 0.3145, 0.2901
Android (android.graphics.Color)	4288776097 (0xFFA187A1)
YUV	145.7380, 7.5242, 13.3848
Hunter-Lab	52.4197, 9.7047, -5.6671

Details

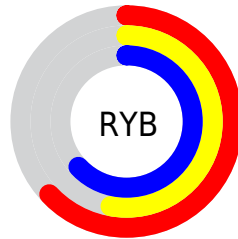
The Yxy color $27.4782, 0.3145, 0.2901$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $32.3955, 0.3108, 0.3712$, and the grayscale version is $28.5976, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.5232, 0.3142, 0.2972$, and $10.8523, 0.3151, 0.2777$ is the 20% darker color. If you saturate the color by 10%, you get $23.3181, 0.3156, 0.2656$, and if you desaturate by 10%, it is $32.3201, 0.3134, 0.3144$.

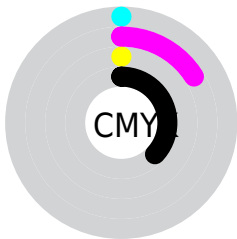
Distribution



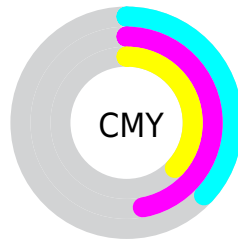
- Red (63%)
- Green (53%)
- Blue (63%)



- Red (63%)
- Yellow (53%)
- Blue (63%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (37%)





- Cyan (37%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4782, 0.3145, 0.2901 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 27.4782, 0.3145, 0.2901 by changing the saturation by 10% instead.


 27.4782, 0.3145,
0.2901


 27.4782, 0.3145,
0.2901

289.9651, 0.3138,
0.3107


 17.9327, 0.3146,
0.2846


 55.6503, 0.3143,
0.2979

 10.9017, 0.3147,
0.2772


 75.0456, 0.3142,
0.3007

 6.0008, 0.3147,
0.2669


 98.4931, 0.3141,
0.3031

 2.8455, 0.3145,
0.2517

126.3770, 0.3140,
0.3050

 1.0516, 0.3134,
0.2267

159.0817, 0.3140,
0.3068

 0.0000, 0.3162,
0.0000

196.9917, 0.3139,

 0.0000, 0.0000,

0.3082

0.0000

240.4914, 0.3138,
0.3095

■ 27.4782, 0.3145,
0.2901

■ 27.4782, 0.3145,
0.2901

■ 23.3181, 0.3156,
0.2656

■ 32.3201, 0.3134,
0.3144

■ 19.8059, 0.3167,
0.2418

■ 37.8687, 0.3123,
0.3380

■ 16.9099, 0.3177,
0.2193

■ 44.1521, 0.3113,
0.3604

■ 14.5948, 0.3186,
0.1993

■ 51.1958, 0.3103,
0.3813

■ 12.8211, 0.3194,
0.1824

■ 59.0239, 0.3094,
0.4007

■ 11.5450, 0.3199,
0.1694

■ 67.6597, 0.3086,
0.4184

■ 10.7156, 0.3203,
0.1605

■ 77.1254, 0.3078,
0.4345

■ 10.2621, 0.3205,
0.1555

■ 81.6860, 0.3075,
0.4413

■ 10.1262, 0.3206,
0.1540

■ 81.6884, 0.3075,
0.4413

Harmonies

Analogous

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



27.4782, 0.2859, 0.2807



27.4782, 0.3145, 0.2901



27.4782, 0.3438, 0.3086

Triad

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



27.4782, 0.3145, 0.2901



27.4782, 0.3614, 0.3751



27.4782, 0.2628, 0.3219

Complementary

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



27.4782, 0.3145, 0.2901



32.3955, 0.3108, 0.3712

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.



27.4782, 0.2814, 0.3501



27.4782, 0.3145, 0.2901



27.4782, 0.3381, 0.3818

Square

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



27.4782, 0.3145, 0.2901



27.4782, 0.3716, 0.3566



27.4782, 0.3088, 0.3728



27.4782, 0.2572, 0.2974

Rectangle

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



27.4782, 0.3145, 0.2901



27.4782, 0.3594, 0.3242



27.4782, 0.3088, 0.3728



27.4782, 0.2677, 0.3313

Sweetspot

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



27.4794, 0.3145, 0.2901



58.8598, 0.3133, 0.3169



25.1796, 0.2872, 0.2875



12.7735, 0.3133, 0.3153



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



27.4794, 0.3145, 0.2901



46.6841, 0.3149, 0.2822



27.0622, 0.3277, 0.3085



7.2017, 0.3137, 0.3068



8.0875, 0.3206, 0.1540



0.1701, 0.3207, 0.1540

Inverse Universe

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



26.6609, 0.3424, 0.3290



44.9648, 0.3497, 0.3290



32.7673, 0.3000, 0.3504



7.0861, 0.3285, 0.3290



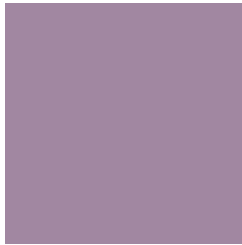
6.0521, 0.6399, 0.3299



0.1272, 0.6389, 0.3293

Previews

White Background



This preview shows how the Yxy color 27.4782, 0.3145, 0.2901 looks on a white background.

Color Contrast Check

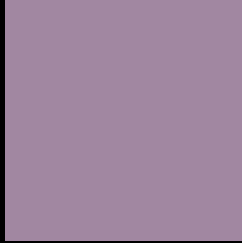
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4782, 0.3145, 0.2901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

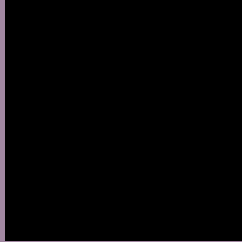
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4782, 0.3145, 0.2901

Background



This preview shows how black text looks on a background with the Yxy color 27.4782, 0.3145, 0.2901.



This preview shows how white text looks on a background with the Yxy color 27.4782, 0.3145, 0.2901.

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

27.4782, 0.3145, 0.2901

Protanopia

27.5881, 0.2871, 0.2911

Deuteranopia

27.3929, 0.3026, 0.2963



Tritanopia

27.4004, 0.3257, 0.3121

Trichromacy



Original Color

27.4782, 0.3145, 0.2901

Protanomaly

27.3486, 0.2967, 0.2902

Deuteranomaly

27.4873, 0.3068, 0.2952

Tritanomaly

27.3818, 0.3216, 0.3032

Monochromacy



Original Color

27.4782, 0.3145, 0.2901

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.1597, 0.3134, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4782, 0.3145, 0.2901 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(161, 135, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 135, 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(161, 135, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 135, 161) }
```

Border

The CSS property to change the border of an element to Yxy 27.4782, 0.3145, 0.2901 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(161, 135, 161) }
```

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

```
.border{ border-color:rgb(161, 135, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 135, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 135, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 135, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 135,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4782, 0.3145, 0.2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 135, 161) }
```

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

```
.background{ background-color: rgb(161,  
135, 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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