

Converting Colors

$Y_{xy}(27.8108, 0.2812, 0.3057)$

Have a look what the booklet for
Yxy(27.8108, 0.2812, 0.3057)
contains.

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Color

Yxy(27.7202, 0.2813, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	8092A1
RGB	128, 146, 161
RGB Percent	50%, 57%, 63%
CMY	0.4980, 0.4275, 0.3685
CMYK	0.21, 0.09, 0.00, 0.37
HSL	207°, 15%, 57%
HSV	207°, 21%, 63%
XYZ	25.6166, 27.7202, 37.7282
YIQ	142.3280, -15.5430, 0.8490

Conversions

Conversions Part 2

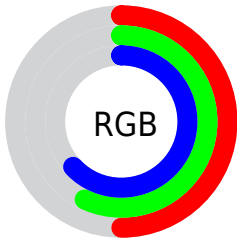
Format	Color
R_{YB}	128, 140, 161
Decimal	8426145
CIE _{Lab}	59.64, -3.04, -10.07
CIE _{LCh}	60, 10.519, 253.192
Yxy	27.7202, 0.2813, 0.3044
Android (android.graphics.Color)	4286616225 (0xFF8092A1)
YUV	142.3280, 9.2053, -12.5657
Hunter-Lab	52.6500, -5.2891, -5.6314

Details

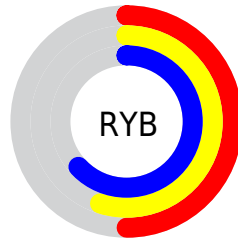
The Yxy color **27.7202, 0.2813, 0.3044** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.7937, 0.3479, 0.3524**, and the grayscale version is **27.1560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0902, 0.2875, 0.3095**, and **11.0896, 0.2707, 0.2977** is the 20% darker color. If you saturate the color by 10%, you get **24.3826, 0.2656, 0.2905**, and if you desaturate by 10%, it is **31.4031, 0.2968, 0.3171**.

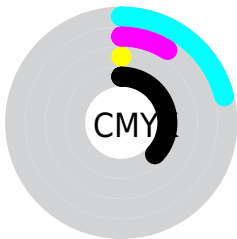
Distribution



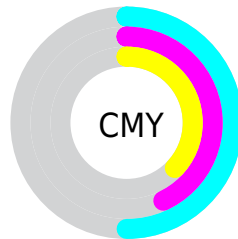
- Red (50%)
- Green (57%)
- Blue (63%)



- Red (50%)
- Yellow (55%)
- Blue (63%)



- Cyan (21%)
- Magenta (9%)
- Yellow (0%)
- Black (37%)



- Cyan (50%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.7202, 0.2813, 0.3044 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 27.7202, 0.2813, 0.3044 by changing the saturation by 10% instead.

■ 27.7202, 0.2813,
0.3044

■ 27.7202, 0.2813,
0.3044

■ 291.1275, 0.2982,
0.3178

■ 18.1148, 0.2766,
0.3006

■ 56.0374, 0.2878,
0.3096

■ 11.0325, 0.2703,
0.2955

■ 75.5181, 0.2901,
0.3114

■ 6.0887, 0.2614,
0.2882

■ 99.0593, 0.2920,
0.3129

■ 2.8991, 0.2478,
0.2769

■ 127.0454, 0.2937,
0.3142

■ 1.0793, 0.2247,
0.2571

■ 159.8610, 0.2951,
0.3153

■ 0.0000, 0.0000,
0.0000

197.8902, 0.2963,

0.3163

241.5176, 0.2973,
0.3171

■ 27.7202, 0.2813,
0.3044

■ 27.7202, 0.2813,
0.3044

■ 24.3826, 0.2656,
0.2905

■ 31.4031, 0.2968,
0.3171

■ 21.3748, 0.2500,
0.2754

■ 35.4392, 0.3120,
0.3285

■ 18.6852, 0.2349,
0.2593

■ 39.8404, 0.3265,
0.3386

■ 16.2999, 0.2208,
0.2424

■ 44.6170, 0.3403,
0.3477

■ 14.2037, 0.2081,
0.2250

■ 49.7786, 0.3533,
0.3557

■ 12.3797, 0.1973,
0.2076

■ 55.3347, 0.3656,
0.3627

■ 10.8084, 0.1885,
0.1904

■ 61.2944, 0.3770,
0.3688

■ 9.5104, 0.1819,
0.1746

■ 67.3177, 0.3861,
0.3744

■ 70.8980, 0.3833,
0.3817

Harmonies

Analogous

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



27.7202, 0.2797, 0.3160



27.7202, 0.2813, 0.3044



27.7202, 0.2911, 0.2996

Triad

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



27.7202, 0.2813, 0.3044



27.7202, 0.3394, 0.3254



27.7202, 0.3178, 0.3576

Complementary

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



27.7202, 0.2813, 0.3044



28.7937, 0.3479, 0.3524

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.



27.7202, 0.3342, 0.3595



27.7202, 0.2813, 0.3044



27.7202, 0.3470, 0.3404

Square

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



27.7202, 0.2813, 0.3044



27.7202, 0.3246, 0.3117



27.7202, 0.3450, 0.3530



27.7202, 0.3004, 0.3473

Rectangle

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



27.7202, 0.2813, 0.3044



27.7202, 0.3012, 0.3006



27.7202, 0.3450, 0.3530



27.7202, 0.3236, 0.3592

Sweetspot

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



27.7213, 0.2813, 0.3044



59.3149, 0.3035, 0.3222



32.0666, 0.2976, 0.3587



12.9148, 0.3026, 0.3215



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.



27.7213, 0.2813, 0.3044



46.5861, 0.2735, 0.2976



23.0397, 0.2795, 0.2767



7.4695, 0.2987, 0.3185



7.6758, 0.1822, 0.1760



0.2543, 0.1993, 0.2373

Inverse Universe

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



25.0960, 0.3315, 0.3013



41.1405, 0.3372, 0.2943



34.0623, 0.3433, 0.3764



7.1475, 0.3204, 0.3168



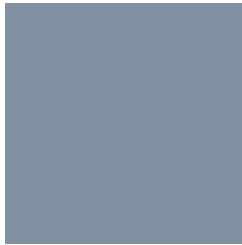
6.6190, 0.4734, 0.2381



0.1485, 0.4050, 0.2005

Previews

White Background



This preview shows how the Yxy color 27.7202, 0.2813, 0.3044 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 27.7202, 0.2813, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

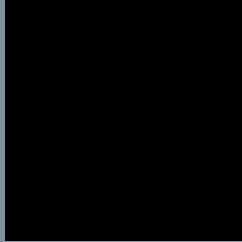
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

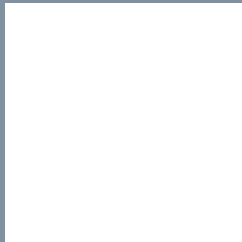
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.7202, 0.2813, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 27.7202, 0.2813, 0.3044.



This preview shows how white text looks on a background with the Yxy color 27.7202, 0.2813, 0.3044.

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

27.7202, 0.2813, 0.3044

Protanopia

27.5119, 0.2954, 0.3019

Deuteranopia

27.6607, 0.2997, 0.2948



Tritanopia

27.5384, 0.2829, 0.3092

Trichromacy



Original Color

27.7202, 0.2813, 0.3044

Protanomaly

27.4172, 0.2896, 0.3016

Deuteranomaly

27.6174, 0.2926, 0.2974

Tritanomaly

27.5730, 0.2821, 0.3076

Monochromacy



Original Color

27.7202, 0.2813, 0.3044

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.1332, 0.3007, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7202, 0.2813, 0.3044 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(128, 146, 161)` looks like.

```
.text, #text, p{  
    color:rgb(128, 146, 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(128, 146, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 146, 161) }
```

Border

The CSS property to change the border of an element to Yxy 27.7202, 0.2813, 0.3044 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(128, 146, 161) }
```

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

```
.border{ border-color:rgb(128, 146, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 146, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 146, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 146, 161);  
box-shadow:4px 4px 4px 4px rgb(128, 146,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7202, 0.2813, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 146, 161) }
```

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

```
.background{ background-color: rgb(128,  
146, 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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