

Converting Colors

$Y_{xy}(27.5342, 0.2823, 0.3042)$

Have a look what the booklet for
Yxy(27.5342, 0.2823, 0.3042)
contains.

Yxy(27.4560, 0.2830, 0.3044)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.4560, 0.2830, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	8191A0
RGB	129, 145, 160
RGB Percent	51%, 57%, 63%
CMY	0.4941, 0.4314, 0.3725
CMYK	0.19, 0.09, 0.00, 0.37
HSL	209°, 14%, 57%
HSV	209°, 19%, 63%
XYZ	25.5258, 27.4560, 37.2153
YIQ	141.9260, -14.3510, 1.2730

Conversions

Conversions Part 2

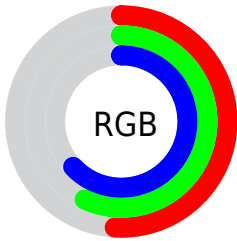
Format	Color
R_{YB}	129, 140, 160
Decimal	8491424
CIE _{Lab}	59.39, -2.38, -9.85
CIE _{LCh}	59, 10.130, 256.384
Yxy	27.4560, 0.2830, 0.3044
Android (android.graphics.Color)	4286681504 (0xFF8191A0)
YUV	141.9260, 8.9105, -11.3361
Hunter-Lab	52.3985, -4.7415, -5.4310

Details

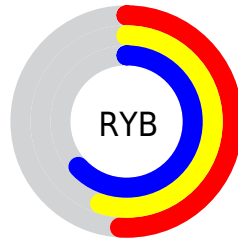
The Yxy color **27.4560, 0.2830, 0.3044** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.0135, 0.3454, 0.3524**, and the grayscale version is **26.9894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6982, 0.2888, 0.3095**, and **10.9508, 0.2718, 0.2953** is the 20% darker color. If you saturate the color by 10%, you get **24.0126, 0.2671, 0.2897**, and if you desaturate by 10%, it is **31.2595, 0.2986, 0.3177**.

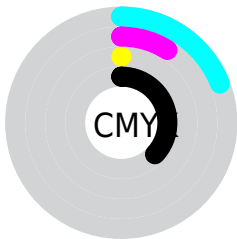
Distribution



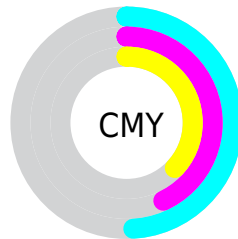
- Red (51%)
- Green (57%)
- Blue (63%)



- Red (51%)
- Yellow (55%)
- Blue (63%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (37%)



- Cyan (49%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.4560, 0.2830, 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 27.4560, 0.2830, 0.3044 by changing the saturation by 10% instead.

■ 27.4560, 0.2830,
0.3044

■ 27.4560, 0.2830,
0.3044

289.8583, 0.2990,
0.3178

■ 17.9160, 0.2786,
0.3006

■ 55.6147, 0.2891,
0.3096

■ 10.8897, 0.2726,
0.2955

■ 75.0023, 0.2914,
0.3114

■ 5.9927, 0.2640,
0.2882

■ 98.4411, 0.2932,
0.3129

■ 2.8406, 0.2510,
0.2769

126.3156, 0.2947,
0.3142

■ 1.0491, 0.2287,
0.2570

159.0101, 0.2960,
0.3153

■ 0.0000, 0.0000,
0.0000

196.9092, 0.2972,

0.3163

240.3971, 0.2982,
0.3171

■ 27.4560, 0.2830,
0.3044

■ 27.4560, 0.2830,
0.3044

■ 24.0126, 0.2671,
0.2897

■ 31.2595, 0.2986,
0.3177

■ 20.9135, 0.2512,
0.2738

■ 35.4312, 0.3136,
0.3297

■ 18.1467, 0.2358,
0.2567

■ 39.9833, 0.3280,
0.3404

■ 15.6982, 0.2211,
0.2387

■ 44.9264, 0.3416,
0.3499

■ 13.5524, 0.2079,
0.2202

■ 50.2705, 0.3544,
0.3582

■ 11.6924, 0.1964,
0.2016

■ 56.0252, 0.3663,
0.3655

■ 10.0985, 0.1870,
0.1834

■ 62.2000, 0.3773,
0.3719

■ 8.7328, 0.1796,
0.1659

■ 68.4184, 0.3860,
0.3778

■ 8.6519, 0.1791,
0.1648

■ 72.2655, 0.3830,
0.3854

Harmonies

Analogous

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



27.4560, 0.2805, 0.3150



27.4560, 0.2830, 0.3044



27.4560, 0.2932, 0.3005

Triad

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



27.4560, 0.2830, 0.3044



27.4560, 0.3397, 0.3271



27.4560, 0.3159, 0.3559

Complementary

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



27.4560, 0.2830, 0.3044



29.0135, 0.3454, 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.



27.4560, 0.3320, 0.3587



27.4560, 0.2830, 0.3044



27.4560, 0.3460, 0.3415

Square

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



27.4560, 0.2830, 0.3044



27.4560, 0.3259, 0.3135



27.4560, 0.3432, 0.3532



27.4560, 0.2992, 0.3452

Rectangle

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



27.4560, 0.2830, 0.3044



27.4560, 0.3033, 0.3020



27.4560, 0.3432, 0.3532



27.4560, 0.3215, 0.3578

Sweetspot

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



27.4571, 0.2830, 0.3044



59.1420, 0.3036, 0.3218



31.8263, 0.2975, 0.3552



12.8733, 0.3026, 0.3210



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.



27.4571, 0.2830, 0.3044



47.2241, 0.2766, 0.2986



23.0474, 0.2815, 0.2782



6.9726, 0.2988, 0.3179



6.8276, 0.1796, 0.1664



0.2066, 0.1990, 0.2363

Inverse Universe

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



25.2231, 0.3313, 0.3043



42.5992, 0.3361, 0.2988



34.0256, 0.3413, 0.3752



6.7004, 0.3208, 0.3175



6.3115, 0.4851, 0.2446



0.1214, 0.4061, 0.2011

Previews

White Background



This preview shows how the Yxy color 27.4560, 0.2830, 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 27.4560, 0.2830, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

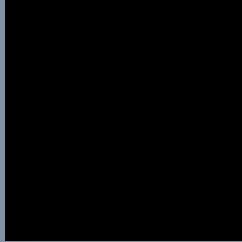
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

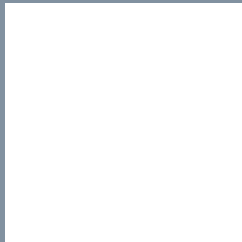
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.4560, 0.2830, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 27.4560, 0.2830, 0.3044.



This preview shows how white text looks on a background with the Yxy color 27.4560, 0.2830, 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

27.4560, 0.2830, 0.3044

Protanopia

27.4773, 0.2963, 0.3035

Deuteranopia

27.3343, 0.3006, 0.2947



Tritanopia

27.2743, 0.2846, 0.3091

Trichromacy



Original Color

27.4560, 0.2830, 0.3044

Protanomaly

27.4665, 0.2914, 0.3032

Deuteranomaly

27.2857, 0.2935, 0.2973

Tritanomaly

27.3086, 0.2838, 0.3075

Monochromacy



Original Color

27.4560, 0.2830, 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 27.4560, 0.2830, 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(129, 145, 160)` looks like.

```
.text, #text, p{  
    color:rgb(129, 145, 160)  
}
```

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(129, 145, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 145, 160) }
```

Border

The CSS property to change the border of an element to Yxy 27.4560, 0.2830, 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(129, 145, 160) }
```

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

```
.border{ border-color:rgb(129, 145, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 145, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 145, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 145, 160);  
box-shadow:4px 4px 4px 4px rgb(129, 145,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4560, 0.2830, 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(129, 145, 160) }
```

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

```
.background{ background-color: rgb(129,  
145, 160) }
```

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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