

Converting Colors

$Y_{xy}(44.2979, 0.2824, 0.3116)$

Have a look what the booklet for
Yxy(44.2979, 0.2824, 0.3116)
contains.

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Color

Yxy(44.4189, 0.2827, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	9CB6C2
RGB	156, 182, 194
RGB Percent	61%, 71%, 76%
CMY	0.3884, 0.2862, 0.2391
CMYK	0.20, 0.06, 0.00, 0.24
HSL	199°, 24%, 69%
HSV	199°, 20%, 76%
XYZ	40.1703, 44.4189, 57.5059
YIQ	175.5940, -19.3480, -1.7800

Conversions

Conversions Part 2

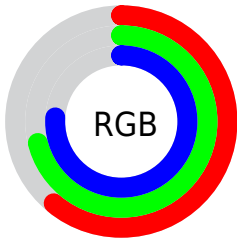
Format	Color
R _Y B	156, 171, 194
Decimal	10270402
CIE Lab	72.51, -6.27, -9.06
CIE LCh	73, 11.024, 235.316
Yxy	44.4189, 0.2827, 0.3126
Android (android.graphics.Color)	4288460482 (0xFF9CB6C2)
YUV	175.5940, 9.0742, -17.1839
Hunter-Lab	66.6475, -9.0463, -4.5043

Details

The Yxy color **44.4189, 0.2827, 0.3126** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8598, 0.3480, 0.3448**, and the grayscale version is **43.1505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9001, 0.2885, 0.3163**, and **20.5370, 0.2745, 0.3082** is the 20% darker color. If you saturate the color by 10%, you get **40.1861, 0.2676, 0.3030**, and if you desaturate by 10%, it is **49.0740, 0.2980, 0.3214**.

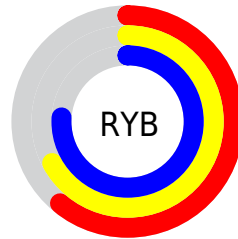
Distribution



Red (61%)

Green (71%)

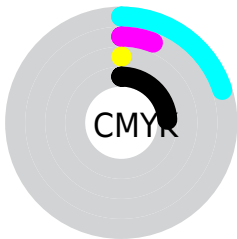
Blue (76%)



Red (61%)

Yellow (67%)

Blue (76%)

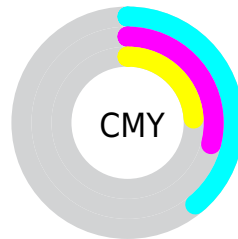


Cyan (20%)

Magenta (6%)

Yellow (0%)

Black (24%)



Cyan (39%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4189, 0.2827, 0.3126 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 44.4189, 0.2827, 0.3126 by changing the saturation by 10% instead.

■ 44.4189, 0.2827,
0.3126

■ 44.4189, 0.2827,
0.3126

■ 364.4150, 0.2977,
0.3210

■ 31.0000, 0.2790,
0.3104

■ 81.8477, 0.2881,
0.3157

■ 20.5988, 0.2742,
0.3077

■ 106.6264, 0.2902,
0.3168

■ 12.8311, 0.2678,
0.3039

■ 135.9604, 0.2919,
0.3178

■ 7.3123, 0.2589,
0.2985

■ 170.2342, 0.2934,
0.3186

■ 3.6582, 0.2458,
0.2903

■ 209.8322, 0.2947,
0.3193

■ 1.4843, 0.2243,
0.2761

■ 255.1387, 0.2958,

■ 0.2776, 0.0836,

0.3200

0.2096

306.5382, 0.2968,
0.3205

0.0000, 0.0000,
0.0000

44.4189, 0.2827,
0.3126

44.4189, 0.2827,
0.3126

40.1861, 0.2676,
0.3030

49.0740, 0.2980,
0.3214

36.3540, 0.2531,
0.2927

54.1610, 0.3133,
0.3293

32.9073, 0.2394,
0.2817

59.6958, 0.3283,
0.3364

29.8273, 0.2270,
0.2702

65.6920, 0.3429,
0.3427

27.0931, 0.2163,
0.2584

72.1622, 0.3568,
0.3483

■ 24.6814, 0.2073,
0.2464

■ 75.6758, 0.3570,
0.3544

■ 22.5648, 0.2004,
0.2345

■ 78.9220, 0.3556,
0.3604

■ 20.6938, 0.1953,
0.2227

■ 82.2867, 0.3542,
0.3664

■ 20.6254, 0.1951,
0.2222

■ 85.7712, 0.3528,
0.3723

Harmonies

Analogous

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



44.4189, 0.2859, 0.3256



44.4189, 0.2827, 0.3126



44.4189, 0.2873, 0.3044

Triad

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



44.4189, 0.2827, 0.3126



44.4189, 0.3293, 0.3181



44.4189, 0.3265, 0.3565

Complementary

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



44.4189, 0.2827, 0.3126



41.8598, 0.3480, 0.3448

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.



44.4189, 0.3386, 0.3537



44.4189, 0.2827, 0.3126



44.4189, 0.3403, 0.3314

Square

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



44.4189, 0.2827, 0.3126



44.4189, 0.3139, 0.3078



44.4189, 0.3437, 0.3443



44.4189, 0.3109, 0.3516

Rectangle

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



44.4189, 0.2827, 0.3126



44.4189, 0.2942, 0.3026



44.4189, 0.3437, 0.3443



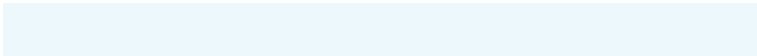
44.4189, 0.3311, 0.3564

Sweetspot

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



44.4207, 0.2827, 0.3126



92.0476, 0.3034, 0.3242



48.4589, 0.3020, 0.3659



20.0250, 0.3024, 0.3237



0.0000, 0.0000, 0.0000



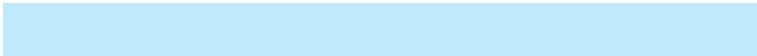
21.4041, 0.3127, 0.3290

Same Dimension

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



44.4207, 0.2827, 0.3126



76.7176, 0.2755, 0.3081



37.3546, 0.2811, 0.2866



10.8753, 0.2984, 0.3216



13.7101, 0.1955, 0.2238



0.7114, 0.2028, 0.2500

Inverse Universe

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



38.6106, 0.3259, 0.2955



64.3211, 0.3297, 0.2871



49.1594, 0.3436, 0.3681



10.1917, 0.3185, 0.3134



8.6663, 0.4192, 0.2083



0.3865, 0.3922, 0.1934

Previews

White Background



This preview shows how the Yxy color 44.4189, 0.2827, 0.3126 looks on a white background.

Color Contrast Check

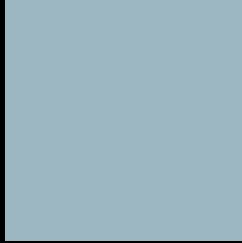
Large Text (above 18pt) WCAG AA × Fail

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 44.4189, 0.2827, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

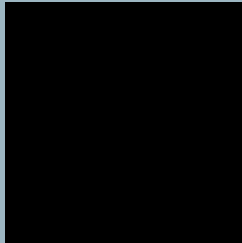
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

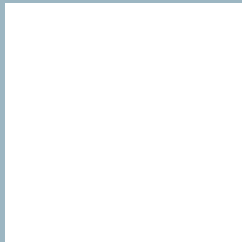
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4189, 0.2827, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 44.4189, 0.2827, 0.3126.



This preview shows how white text looks on a background with the Yxy color 44.4189, 0.2827, 0.3126.

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

44.4189, 0.2827, 0.3126

Protanopia

44.1594, 0.3016, 0.3093

Deuteranopia

44.3118, 0.3054, 0.2997



Tritanopia

44.5093, 0.2814, 0.3100

Trichromacy



Original Color

44.4189, 0.2827, 0.3126

Protanomaly

44.0816, 0.2942, 0.3103

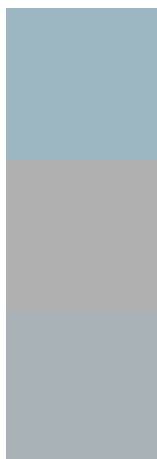
Deuteranomaly

44.1048, 0.2969, 0.3041

Tritanomaly

44.4639, 0.2821, 0.3113

Monochromacy



Original Color

44.4189, 0.2827, 0.3126

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6947, 0.3011, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4189, 0.2827, 0.3126 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(156, 182, 194)` looks like.

```
.text, #text, p{  
    color:rgb(156, 182, 194)  
}
```

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(156, 182, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 182, 194) }
```

Border

The CSS property to change the border of an element to Yxy 44.4189, 0.2827, 0.3126 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(156, 182, 194) }
```

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

```
.border{ border-color:rgb(156, 182, 194) }
```

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

Here you see how a box with a 4 pixel rgb(156, 182, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 182, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 182, 194);  
box-shadow:4px 4px 4px 4px rgb(156, 182,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4189, 0.2827, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 182, 194) }
```

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

```
.background{ background-color: rgb(156,  
182, 194) }
```

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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