

Converting Colors

$Y_{xy}(29.2762, 0.2762, 0.3096)$

Have a look what the booklet for
Yxy(29.2762, 0.2762, 0.3096)
contains.

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Color

Yxy(29.4219, 0.2760, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	7C98A4
RGB	124, 152, 164
RGB Percent	49%, 60%, 64%
CMY	0.5136, 0.4039, 0.3568
CMYK	0.24, 0.07, 0.00, 0.36
HSL	198°, 18%, 56%
HSV	198°, 24%, 64%
XYZ	26.2458, 29.4219, 39.4257
YIQ	144.9960, -20.5400, -2.2040

Conversions

Conversions Part 2

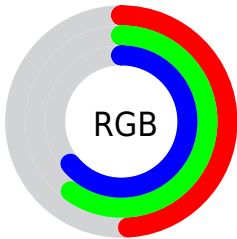
Format	Color
RYB	124, 140, 164
Decimal	8165540
CIELab	61.15, -6.96, -9.53
CIELCh	61, 11.800, 233.866
Yxy	29.4219, 0.2760, 0.3094
Android (android.graphics.Color)	4286355620 (0xFF7C98A4)
YUV	144.9960, 9.3690, -18.4135
Hunter-Lab	54.2420, -8.5535, -5.1255

Details

The Yxy color $29.4219, 0.2760, 0.3094$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $26.9747, 0.3580, 0.3478$, and the grayscale version is $28.2843, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.6042, 0.2832, 0.3132$, and $11.9331, 0.2639, 0.3027$ is the 20% darker color. If you saturate the color by 10%, you get $26.7328, 0.2614, 0.3001$, and if you desaturate by 10%, it is $32.3833, 0.2910, 0.3180$.

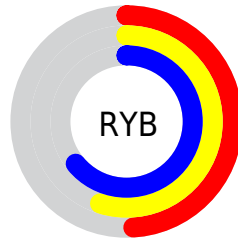
Distribution



Red (49%)

Green (60%)

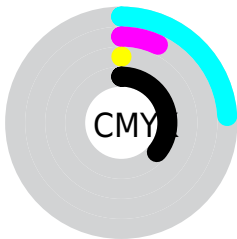
Blue (64%)



Red (49%)

Yellow (55%)

Blue (64%)

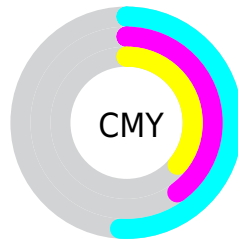


Cyan (24%)

Magenta (7%)

Yellow (0%)

Black (36%)



Cyan (51%)

Magenta (40%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.4219, 0.2760, 0.3094 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 29.4219, 0.2760, 0.3094 by changing the saturation by 10% instead.

■ 29.4219, 0.2760,
0.3094

■ 29.4219, 0.2760,
0.3094

■ 299.2004, 0.2956,
0.3201

■ 19.4002, 0.2707,
0.3064

■ 58.7467, 0.2834,
0.3135

■ 11.9598, 0.2636,
0.3023

■ 78.8187, 0.2861,
0.3150

■ 6.7163, 0.2537,
0.2963

■ 103.0095, 0.2883,
0.3163

■ 3.2853, 0.2389,
0.2871

■ 131.7036, 0.2902,
0.3173

■ 1.2824, 0.2144,
0.2711

■ 165.2853, 0.2918,
0.3182

■ 0.1276, 0.0000,
0.1368

■ 204.1391, 0.2932,

■ 0.0000, 0.0000,

0.3189

0.0000

248.6493, 0.2945,
0.3196

■ 29.4219, 0.2760,
0.3094

■ 29.4219, 0.2760,
0.3094

■ 26.7328, 0.2614,
0.3001

■ 32.3833, 0.2910,
0.3180

■ 24.3015, 0.2475,
0.2901

■ 35.6234, 0.3061,
0.3258

■ 22.1175, 0.2347,
0.2796

■ 39.1532, 0.3211,
0.3329

■ 20.1680, 0.2233,
0.2687

■ 42.9814, 0.3358,
0.3392

■ 18.4388, 0.2135,
0.2575

■ 47.1169, 0.3500,
0.3448

■ 16.9135, 0.2057,
0.2462

■ 51.5677, 0.3636,
0.3498

■ 15.5727, 0.1998,
0.2351

■ 56.3417, 0.3766,
0.3541

■ 14.8734, 0.1969,
0.2288

■ 61.3997, 0.3887,
0.3579

■ 63.5940, 0.3868,
0.3630

Harmonies

Analogous

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



29.4219, 0.2803, 0.3256



29.4219, 0.2760, 0.3094



29.4219, 0.2811, 0.2992

Triad

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



29.4219, 0.2760, 0.3094



29.4219, 0.3322, 0.3150



29.4219, 0.3304, 0.3630

Complementary

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



29.4219, 0.2760, 0.3094



26.9747, 0.3580, 0.3478

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.



29.4219, 0.3450, 0.3588



29.4219, 0.2760, 0.3094



29.4219, 0.3462, 0.3309

Square

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



29.4219, 0.2760, 0.3094



29.4219, 0.3132, 0.3027



29.4219, 0.3509, 0.3469



29.4219, 0.3113, 0.3574

Rectangle

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



29.4219, 0.2760, 0.3094



29.4219, 0.2893, 0.2967



29.4219, 0.3509, 0.3469



29.4219, 0.3360, 0.3627

Sweetspot

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



29.4231, 0.2760, 0.3094



62.9764, 0.3020, 0.3237



32.6233, 0.2997, 0.3754



13.6964, 0.3011, 0.3233



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



29.4231, 0.2760, 0.3094



50.8125, 0.2684, 0.3047



23.4791, 0.2732, 0.2756



7.6499, 0.2987, 0.3221



11.4877, 0.1972, 0.2299



0.3180, 0.2083, 0.2700

Inverse Universe

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



24.5847, 0.3288, 0.2867



40.7731, 0.3331, 0.2775



33.1345, 0.3512, 0.3773



7.1657, 0.3181, 0.3134



7.0038, 0.4127, 0.2047



0.1549, 0.3728, 0.1827

Previews

White Background



This preview shows how the Yxy color 29.4219, 0.2760, 0.3094 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 29.4219, 0.2760, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

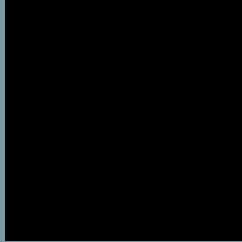
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

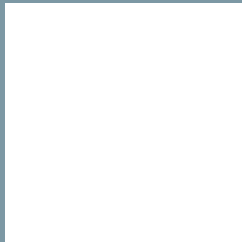
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.4219, 0.2760, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 29.4219, 0.2760, 0.3094.

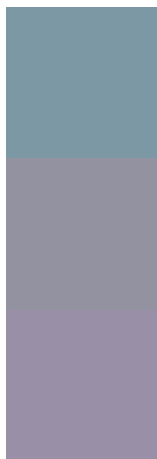


This preview shows how white text looks on a background with the Yxy color 29.4219, 0.2760, 0.3094.

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

29.4219, 0.2760, 0.3094

Protanopia

29.2068, 0.2995, 0.3072

Deuteranopia

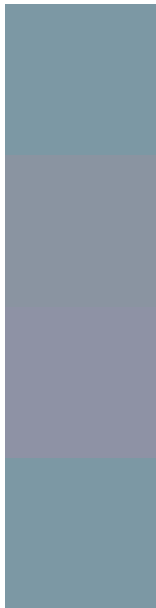
29.1704, 0.3010, 0.2942



Tritanopia

29.4219, 0.2760, 0.3094

Trichromacy



Original Color

29.4219, 0.2760, 0.3094

Protanomaly

29.1563, 0.2909, 0.3083

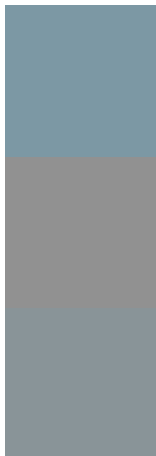
Deuteranomaly

29.0252, 0.2911, 0.2993

Tritanomaly

29.4219, 0.2760, 0.3094

Monochromacy



Original Color

29.4219, 0.2760, 0.3094

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.7652, 0.2979, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4219, 0.2760, 0.3094 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(124, 152, 164)` looks like.

```
.text, #text, p{  
    color:rgb(124, 152, 164)  
}
```

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(124, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 152, 164) }
```

Border

The CSS property to change the border of an element to Yxy 29.4219, 0.2760, 0.3094 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(124, 152, 164) }
```

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

```
.border{ border-color:rgb(124, 152, 164) }
```

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

Here you see how a box with a 4 pixel rgb(124, 152, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(124, 152,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4219, 0.2760, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 152, 164) }
```

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

```
.background{ background-color: rgb(124,  
152, 164) }
```

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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