

Converting Colors

$Y_{xy}(22.0110, 0.2786, 0.3106)$

Have a look what the booklet for
Yxy(22.0110, 0.2786, 0.3106)
contains.

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Color

Yxy(22.0732, 0.2783, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	6E858F
RGB	110, 133, 143
RGB Percent	43%, 52%, 56%
CMY	0.5688, 0.4784, 0.4393
CMYK	0.23, 0.07, 0.00, 0.44
HSL	198°, 13%, 50%
HSV	198°, 23%, 56%
XYZ	19.7714, 22.0732, 29.1989
YIQ	127.2630, -16.9180, -1.7660

Conversions

Conversions Part 2

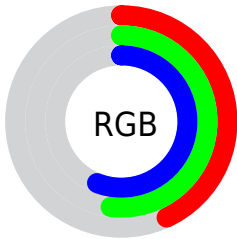
Format	Color
R _Y B	110, 124, 143
Decimal	7243151
CIE Lab	54.10, -5.92, -8.10
CIE LCh	54, 10.034, 233.861
Yxy	22.0732, 0.2783, 0.3107
Android (android.graphics.Color)	4285433231 (0xFF6E858F)
YUV	127.2630, 7.7583, -15.1397
Hunter-Lab	46.9821, -7.1009, -3.9606

Details

The Yxy color $22.0732, 0.2783, 0.3107$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.3808, 0.3545, 0.3466$, and the grayscale version is $21.2937, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.8304, 0.2855, 0.3143$, and $8.1231, 0.2644, 0.3037$ is the 20% darker color. If you saturate the color by 10%, you get $20.0718, 0.2638, 0.3016$, and if you desaturate by 10%, it is $24.2730, 0.2932, 0.3191$.

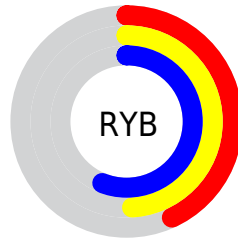
Distribution



Red (43%)

Green (52%)

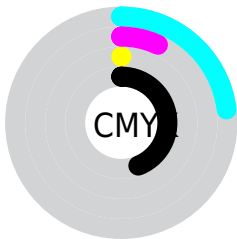
Blue (56%)



Red (43%)

Yellow (49%)

Blue (56%)

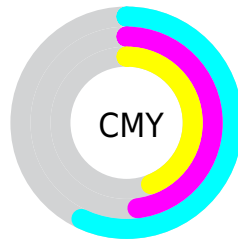


Cyan (23%)

Magenta (7%)

Yellow (0%)

Black (44%)



Cyan (57%)

Magenta (48%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.0732, 0.2783, 0.3107 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 22.0732, 0.2783, 0.3107 by changing the saturation by 10% instead.

■ 22.0732, 0.2783,
0.3107

■ 22.0732, 0.2783,
0.3107

■ 262.9283, 0.2975,
0.3212

■ 13.9107, 0.2727,
0.3075

■ 46.8670, 0.2858,
0.3149

■ 8.0586, 0.2650,
0.3031

■ 64.2670, 0.2884,
0.3163

■ 4.1325, 0.2537,
0.2963

■ 85.5150, 0.2906,
0.3175

■ 1.7479, 0.2355,
0.2850

■ 110.9954, 0.2924,
0.3185

■ 0.4544, 0.1591,
0.2516

■ 141.0925, 0.2940,
0.3193

■ 0.0000, 0.0000,
0.0000

176.1907, 0.2953,

0.3200

216.6746, 0.2965,
0.3206

■ 22.0732, 0.2783,
0.3107

■ 22.0732, 0.2783,
0.3107

■ 20.0718, 0.2638,
0.3016

■ 24.2730, 0.2932,
0.3191

■ 18.2584, 0.2499,
0.2918

■ 26.6757, 0.3081,
0.3268

■ 16.6257, 0.2370,
0.2814

■ 29.2889, 0.3229,
0.3337

■ 15.1647, 0.2254,
0.2706

■ 32.1191, 0.3373,
0.3399

■ 13.8654, 0.2154,
0.2596

■ 35.1724, 0.3513,
0.3454

■ 12.7165, 0.2072,
0.2484

■ 38.4546, 0.3647,
0.3503

■ 11.7048, 0.2009,
0.2373

■ 41.9714, 0.3775,
0.3545

■ 11.0599, 0.1971,
0.2296

■ 45.7281, 0.3896,
0.3583

■ 49.7299, 0.4010,
0.3615

Harmonies

Analogous

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



22.0732, 0.2824, 0.3259



22.0732, 0.2783, 0.3107



22.0732, 0.2831, 0.3011

Triad

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



22.0732, 0.2783, 0.3107



22.0732, 0.3310, 0.3159



22.0732, 0.3293, 0.3608

Complementary

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



22.0732, 0.2783, 0.3107



20.3808, 0.3545, 0.3466

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.



22.0732, 0.3429, 0.3570



22.0732, 0.2783, 0.3107



22.0732, 0.3440, 0.3309

Square

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



22.0732, 0.2783, 0.3107



22.0732, 0.3132, 0.3043



22.0732, 0.3484, 0.3458



22.0732, 0.3115, 0.3555

Rectangle

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



22.0732, 0.2783, 0.3107



22.0732, 0.2908, 0.2988



22.0732, 0.3484, 0.3458



22.0732, 0.3345, 0.3605

Sweetspot

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



22.0741, 0.2783, 0.3107



45.9935, 0.3021, 0.3238



24.3061, 0.3005, 0.3721



10.4977, 0.3013, 0.3234



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



22.0741, 0.2783, 0.3107



37.5256, 0.2703, 0.3058



17.9175, 0.2760, 0.2794



5.8451, 0.2990, 0.3222



9.8190, 0.1973, 0.2301



0.1327, 0.2113, 0.2808

Inverse Universe

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



18.6762, 0.3277, 0.2896



30.4337, 0.3320, 0.2799



24.6791, 0.3486, 0.3741



5.4837, 0.3180, 0.3138



5.9776, 0.4125, 0.2046



0.0611, 0.3628, 0.1772

Previews

White Background



This preview shows how the Yxy color 22.0732, 0.2783, 0.3107 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 22.0732, 0.2783, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

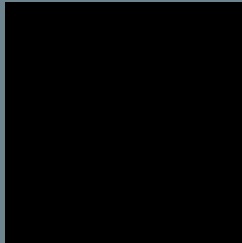
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

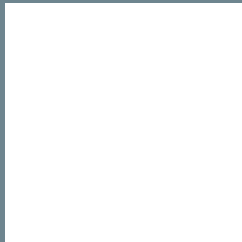
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 22.0732, 0.2783, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 22.0732, 0.2783, 0.3107.



This preview shows how white text looks on a background with the Yxy color 22.0732, 0.2783, 0.3107.

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

22.0732, 0.2783, 0.3107

Protanopia

21.9210, 0.3000, 0.3079

Deuteranopia

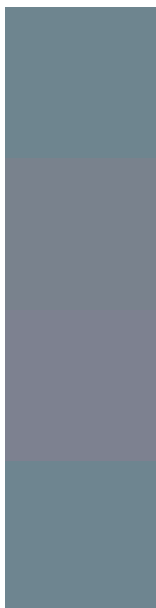
22.0037, 0.3026, 0.2982



Tritanopia

22.1037, 0.2774, 0.3089

Trichromacy



Original Color

22.0732, 0.2783, 0.3107

Protanomaly

21.9533, 0.2913, 0.3093

Deuteranomaly

22.0741, 0.2926, 0.3026

Tritanomaly

22.1037, 0.2774, 0.3089

Monochromacy



Original Color

22.0732, 0.2783, 0.3107

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.4589, 0.2994, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0732, 0.2783, 0.3107 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(110, 133, 143)` looks like.

```
.text, #text, p{  
    color:rgb(110, 133, 143)  
}
```

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(110, 133, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 133, 143) }
```

Border

The CSS property to change the border of an element to Yxy 22.0732, 0.2783, 0.3107 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(110, 133, 143) }
```

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

```
.border{ border-color:rgb(110, 133, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 133, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 133, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 133, 143);  
box-shadow:4px 4px 4px 4px rgb(110, 133,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0732, 0.2783, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 133, 143) }
```

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

```
.background{ background-color: rgb(110,  
133, 143) }
```

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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