

Converting Colors

$Yxy(24.9227, 0.2668, 0.3283)$

Have a look what the booklet for
Yxy(24.9227, 0.2668, 0.3283)
contains.

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Color

$Y_{xy}(24.8675, 0.2662, 0.3270)$

Conversions

Conversions Part 1

Format	Color
Hex	619192
RGB	97, 145, 146
RGB Percent	38%, 57%, 57%
CMY	0.6197, 0.4314, 0.4274
CMYK	0.34, 0.01, 0.00, 0.43
HSL	181°, 20%, 48%
HSV	181°, 34%, 57%
XYZ	20.2438, 24.8675, 30.9361
YIQ	130.7620, -28.9290, -9.8650

Conversions

Conversions Part 2

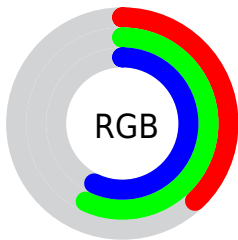
Format	Color
R_{YB}	97, 121, 146
Decimal	6394258
CIE _{Lab}	56.95, -15.82, -5.71
CIE _{LCh}	57, 16.824, 199.850
Yxy	24.8675, 0.2662, 0.3270
Android (android.graphics.Color)	4284584338 (0xFF619192)
YUV	130.7620, 7.5123, -29.6093
Hunter-Lab	49.8673, -14.8051, -1.8745

Details

The Yxy color **24.8675, 0.2662, 0.3270** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.7131, 0.3873, 0.3310**, and the grayscale version is **22.5882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5010, 0.2762, 0.3276**, and **9.4543, 0.2491, 0.3232** is the 20% darker color. If you saturate the color by 10%, you get **24.0462, 0.2549, 0.3263**, and if you desaturate by 10%, it is **25.8387, 0.2789, 0.3276**.

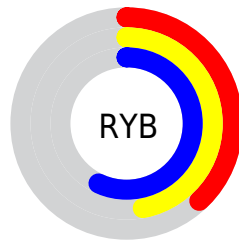
Distribution



Red (38%)

Green (57%)

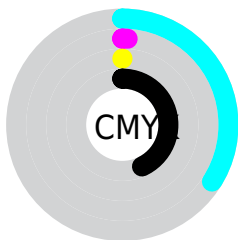
Blue (57%)



Red (38%)

Yellow (47%)

Blue (57%)

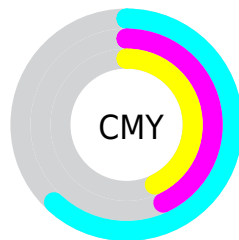


Cyan (34%)

Magenta (1%)

Yellow (0%)

Black (43%)



Cyan (62%)

Magenta (43%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.8675, 0.2662, 0.3270 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 24.8675, 0.2662, 0.3270 by changing the saturation by 10% instead.

■ 24.8675, 0.2662,
0.3270

■ 24.8675, 0.2662,
0.3270

■ 277.1774, 0.2916,
0.3285

■ 15.9784, 0.2591,
0.3264

■ 51.4422, 0.2760,
0.3277

■ 9.5088, 0.2494,
0.3255

■ 69.8965, 0.2795,
0.3279

■ 5.0745, 0.2354,
0.3239

■ 92.3081, 0.2824,
0.3281

■ 2.2911, 0.2138,
0.3207

■ 119.0612, 0.2848,
0.3282

■ 0.7690, 0.1450,
0.3236

■ 150.5403, 0.2869,
0.3283

■ 0.0000, 0.0000,
0.0000

187.1298, 0.2887,

0.3284

229.2140, 0.2902,
0.3284

■ 24.8675, 0.2662,
0.3270

■ 24.8675, 0.2662,
0.3270

■ 24.0462, 0.2549,
0.3263

■ 25.8387, 0.2789,
0.3276

■ 23.3637, 0.2452,
0.3257

■ 26.9643, 0.2927,
0.3282

■ 22.8120, 0.2373,
0.3250


■ 28.2523, 0.3073,
0.3288


■ 22.3814, 0.2311,
0.3243


■ 29.7092, 0.3225,
0.3293


■ 22.0604, 0.2268,
0.3236


■ 31.3413, 0.3381,
0.3298


 21.8355, 0.2242,
0.3230

 33.1544, 0.3537,
0.3302

 21.7163, 0.2229,
0.3225

 35.1541, 0.3692,
0.3306

 37.3458, 0.3843,
0.3310

 39.7347, 0.3990,
0.3313

Harmonies

Analogous

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



24.8675, 0.2864, 0.3544



24.8675, 0.2662, 0.3270



24.8675, 0.2582, 0.3018

Triad

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



24.8675, 0.2662, 0.3270



24.8675, 0.3091, 0.2884



24.8675, 0.3634, 0.3717

Complementary

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



24.8675, 0.2662, 0.3270



15.7131, 0.3873, 0.3310

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.



24.8675, 0.3705, 0.3521



24.8675, 0.2662, 0.3270



24.8675, 0.3384, 0.3052

Square

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



24.8675, 0.2662, 0.3270



24.8675, 0.2820, 0.2811



24.8675, 0.3613, 0.3280



24.8675, 0.3424, 0.3807

Rectangle

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



24.8675, 0.2662, 0.3270



24.8675, 0.2604, 0.2897



24.8675, 0.3613, 0.3280



24.8675, 0.3675, 0.3660

Sweetspot

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



24.8685, 0.2662, 0.3270



48.2861, 0.2975, 0.3284



23.9839, 0.3075, 0.4237



10.6805, 0.2957, 0.3284



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.



24.8685, 0.2662, 0.3270



42.7820, 0.2579, 0.3265



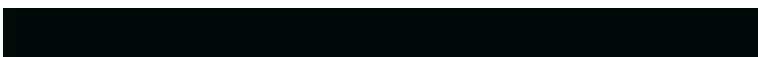
18.2161, 0.2604, 0.2804



6.5417, 0.2990, 0.3285



19.1081, 0.2229, 0.3226



0.2392, 0.2239, 0.3259

Inverse Universe

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



16.7049, 0.3178, 0.2499



26.2333, 0.3190, 0.2336



20.9746, 0.3737, 0.3730



5.9071, 0.3140, 0.3076



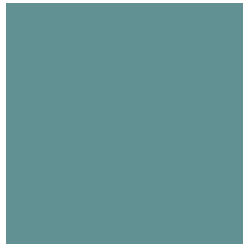
7.1223, 0.3260, 0.1570



0.0877, 0.3233, 0.1554

Previews

White Background



This preview shows how the Yxy color 24.8675, 0.2662, 0.3270 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 24.8675, 0.2662, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

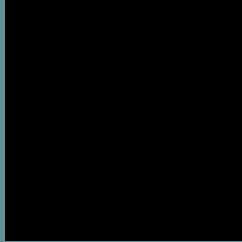
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

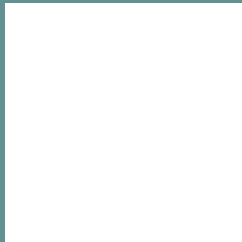
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.8675, 0.2662, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 24.8675, 0.2662, 0.3270.



This preview shows how white text looks on a background with the Yxy color 24.8675, 0.2662, 0.3270.

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

24.8675, 0.2662, 0.3270

Protanopia

24.5398, 0.3098, 0.3206

Deuteranopia

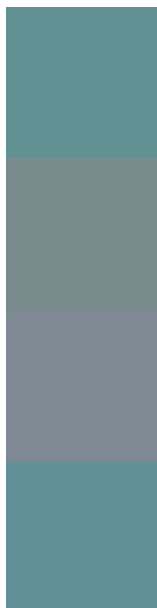
24.6017, 0.3084, 0.3014



Tritanopia

24.9657, 0.2606, 0.3093

Trichromacy



Original Color

24.8675, 0.2662, 0.3270

Protanomaly

24.5558, 0.2919, 0.3237

Deuteranomaly

24.5415, 0.2912, 0.3102

Tritanomaly

24.8102, 0.2621, 0.3145

Monochromacy



Original Color

24.8675, 0.2662, 0.3270

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.3078, 0.2943, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8675, 0.2662, 0.3270 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(97, 145, 146)` looks like.

```
.text, #text, p{  
    color:rgb(97, 145, 146)  
}
```

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(97, 145, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 145, 146) }
```

Border

The CSS property to change the border of an element to Yxy 24.8675, 0.2662, 0.3270 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(97, 145, 146) }
```

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

```
.border{ border-color:rgb(97, 145, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 145, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 145, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 145, 146);  
box-shadow:4px 4px 4px 4px rgb(97, 145,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8675, 0.2662, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 145, 146) }
```

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

```
.background{ background-color: rgb(97, 145,  
146) }
```

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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