

Converting Colors

$Y_{xy}(25.1077, 0.2693, 0.3378)$

Have a look what the booklet for
Yxy(25.1077, 0.2693, 0.3378)
contains.

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Color

$Y_{xy}(24.9976, 0.2688, 0.3362)$

Conversions

Conversions Part 1

Format	Color
Hex	60928E
RGB	96, 146, 142
RGB Percent	38%, 57%, 56%
CMY	0.6235, 0.4274, 0.4431
CMYK	0.34, 0.00, 0.03, 0.43
HSL	175°, 21%, 47%
HSV	175°, 34%, 57%
XYZ	19.9862, 24.9976, 29.3696
YIQ	130.5940, -28.5160, -11.8440

Conversions

Conversions Part 2

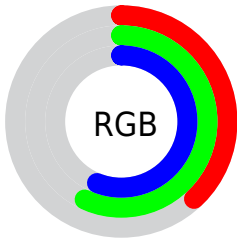
Format	Color
R _Y B	96, 122, 146
Decimal	6328974
CIE _{Lab}	57.07, -17.64, -3.24
CIE _{LCh}	57, 17.938, 190.392
Y _{xy}	24.9976, 0.2688, 0.3362
Android (android.graphics.Color)	4284519054 (0xFF60928E)
Y _{UV}	130.5940, 5.6232, -30.3389
Hunter-Lab	49.9976, -16.1417, 0.1702

Details

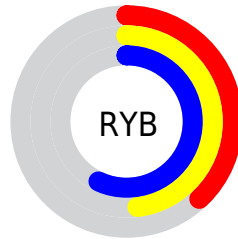
The Yxy color **24.9976, 0.2688, 0.3362** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.3968, 0.3837, 0.3222**, and the grayscale version is **22.5328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6836, 0.2782, 0.3342**, and **9.5380, 0.2529, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **24.2441, 0.2585, 0.3386**, and if you desaturate by 10%, it is **25.9006, 0.2805, 0.3339**.

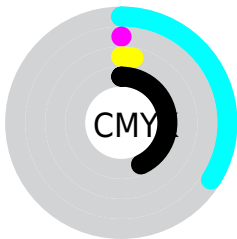
Distribution



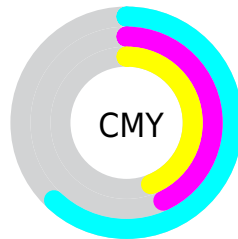
- Red (38%)
- Green (57%)
- Blue (56%)



- Red (38%)
- Yellow (48%)
- Blue (57%)



- Cyan (34%)
- Magenta (0%)
- Yellow (3%)
- Black (43%)



- Cyan (62%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9976, 0.2688, 0.3362 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 24.9976, 0.2688, 0.3362 by changing the saturation by 10% instead.


 24.9976, 0.2688,
0.3362


 24.9976, 0.2688,
0.3362


277.8260, 0.2928,
0.3325


 16.0753, 0.2620,
0.3371


 51.6533, 0.2781,
0.3348


 9.5774, 0.2528,
0.3383


 70.1555, 0.2814,
0.3343

 5.1197, 0.2394,
0.3399

 92.6198, 0.2841,
0.3339

 2.3177, 0.2187,
0.3420

 119.4305, 0.2864,
0.3335

 0.7830, 0.1438,
0.3592

150.9721, 0.2884,
0.3332

 0.0000, 0.0000,
0.0000

187.6289, 0.2901,

0.3330

229.7854, 0.2915,
0.3327

■ 24.9976, 0.2688,
0.3362

■ 24.9976, 0.2688,
0.3362

■ 24.2441, 0.2585,
0.3386

■ 25.9006, 0.2805,
0.3339

■ 23.6289, 0.2496,
0.3412

■ 26.9575, 0.2932,
0.3318

■ 23.1440, 0.2426,
0.3437

■ 28.1764, 0.3068,
0.3298

■ 22.7794, 0.2373,
0.3464

■ 29.5640, 0.3209,
0.3280

■ 22.5237, 0.2338,
0.3490

■ 31.1263, 0.3353,
0.3264

■ 22.3628, 0.2321,
0.3516

■ 32.8693, 0.3497,
0.3249

■ 22.2898, 0.2314,
0.3531

■ 34.7986, 0.3640,
0.3237

■ 36.9196, 0.3781,
0.3226

■ 39.2375, 0.3917,
0.3216

Harmonies

Analogous

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



24.9976, 0.2934, 0.3642



24.9976, 0.2688, 0.3362



24.9976, 0.2559, 0.3076

Triad

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



24.9976, 0.2688, 0.3362



24.9976, 0.2991, 0.2823



24.9976, 0.3708, 0.3686

Complementary

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



24.9976, 0.2688, 0.3362



15.3968, 0.3837, 0.3222

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.



24.9976, 0.3730, 0.3455



24.9976, 0.2688, 0.3362



24.9976, 0.3305, 0.2972

Square

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



24.9976, 0.2688, 0.3362



24.9976, 0.2727, 0.2783



24.9976, 0.3580, 0.3199



24.9976, 0.3525, 0.3826

Rectangle

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



24.9976, 0.2688, 0.3362



24.9976, 0.2553, 0.2926



24.9976, 0.3580, 0.3199



24.9976, 0.3735, 0.3616

Sweetspot

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



24.9986, 0.2688, 0.3362



48.3897, 0.2986, 0.3309



24.1216, 0.3122, 0.4263



10.7063, 0.2969, 0.3312



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.



24.9986, 0.2688, 0.3362



43.0670, 0.2608, 0.3380



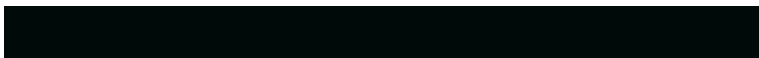
19.2720, 0.2606, 0.2892



6.5543, 0.3000, 0.3307



19.6163, 0.2314, 0.3530



0.2420, 0.2278, 0.3399

Inverse Universe

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



15.3968, 0.3837, 0.3222



23.5182, 0.4073, 0.3207



19.6397, 0.3779, 0.3655



5.8224, 0.3270, 0.3273



5.4018, 0.6283, 0.3235



0.0676, 0.5766, 0.2950

Previews

White Background



This preview shows how the Yxy color 24.9976, 0.2688, 0.3362 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 24.9976, 0.2688, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

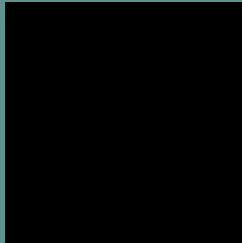
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9976, 0.2688, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 24.9976, 0.2688, 0.3362.



This preview shows how white text looks on a background with the Yxy color 24.9976, 0.2688, 0.3362.

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

24.9976, 0.2688, 0.3362

Protanopia

24.8749, 0.3161, 0.3290

Deuteranopia

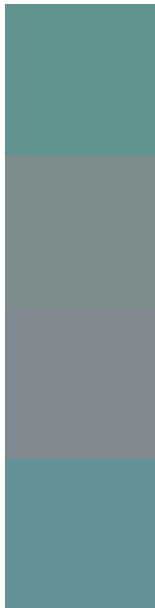
24.6579, 0.3148, 0.3079



Tritanopia

24.9995, 0.2598, 0.3076

Trichromacy



Original Color

24.9976, 0.2688, 0.3362

Protanomaly

24.8021, 0.2967, 0.3325

Deuteranomaly

24.4941, 0.2961, 0.3169

Tritanomaly

25.0818, 0.2631, 0.3181

Monochromacy



Original Color

24.9976, 0.2688, 0.3362

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.2091, 0.2943, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9976, 0.2688, 0.3362 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(96, 146, 142) looks like.

```
.text, #text, p{  
    color:rgb(96, 146, 142)  
}
```

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(96, 146, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 146, 142) }
```

Border

The CSS property to change the border of an element to Yxy 24.9976, 0.2688, 0.3362 is called "border". The border property can be set on classes, ids or directly on the HTML element.

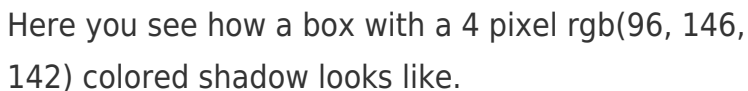
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 146, 142) }
```

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

```
.border{ border-color:rgb(96, 146, 142) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 146, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 146, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 146, 142);  
box-shadow:4px 4px 4px 4px rgb(96, 146,  
142) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 24.9976, 0.2688, 0.3362$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 146, 142) }
```

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

```
.background{ background-color: rgb(96, 146,  
142) }
```

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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