

Converting Colors

$Yxy(24.3837, 0.2801, 0.3469)$

Have a look what the booklet for
Yxy(24.3837, 0.2801, 0.3469)
contains.

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Color

$Y_{xy}(24.4925, 0.2803, 0.3475)$

Conversions

Conversions Part 1

Format	Color
Hex	669086
RGB	102, 144, 134
RGB Percent	40%, 56%, 53%
CMY	0.5999, 0.4353, 0.4746
CMYK	0.29, 0.00, 0.07, 0.44
HSL	166°, 17%, 48%
HSV	166°, 29%, 56%
XYZ	19.7561, 24.4925, 26.2334
YIQ	130.3020, -21.8220, -12.0140

Conversions

Conversions Part 2

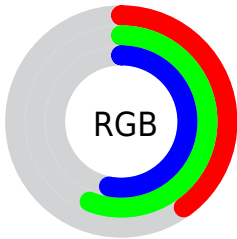
Format	Color
R_{YB}	102, 126, 144
Decimal	6721670
CIE _{Lab}	56.58, -16.65, 0.68
CIE _{LCh}	57, 16.667, 177.649
Yxy	24.4925, 0.2803, 0.3475
Android (android.graphics.Color)	4284911750 (0xFF669086)
YUV	130.3020, 1.8231, -24.8209
Hunter-Lab	49.4899, -15.3511, 3.2147

Details

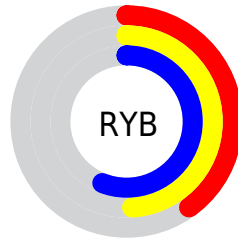
The Yxy color $24.4925, 0.2803, 0.3475$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $16.6064, 0.3597, 0.3114$, and the grayscale version is $22.4361, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.8460, 0.2872, 0.3437$, and $9.2257, 0.2685, 0.3547$ is the 20% darker color. If you saturate the color by 10%, you get $23.6294, 0.2708, 0.3549$, and if you desaturate by 10%, it is $25.5068, 0.2908, 0.3406$.

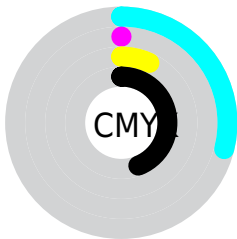
Distribution



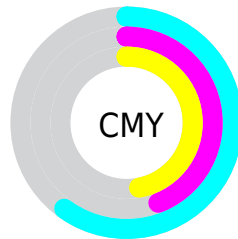
- Red (40%)
- Green (56%)
- Blue (53%)



- Red (40%)
- Yellow (49%)
- Blue (56%)



- Cyan (29%)
- Magenta (0%)
- Yellow (7%)
- Black (44%)



- Cyan (60%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4925, 0.2803, 0.3475 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 24.4925, 0.2803, 0.3475 by changing the saturation by 10% instead.


 24.4925, 0.2803,
0.3475


 24.4925, 0.2803,
0.3475


275.3010, 0.2982,
0.3372

 15.6994, 0.2751,
0.3505


 50.8327, 0.2873,
0.3435

 9.3117, 0.2680,
0.3546


 69.1486, 0.2898,
0.3421

 4.9450, 0.2576,
0.3606

 91.4074, 0.2918,
0.3409

 2.2150, 0.2410,
0.3703

 117.9937, 0.2935,
0.3399

 0.7282, 0.1624,
0.4140

149.2918, 0.2950,
0.3391

 0.0000, 0.0000,
0.0000

185.6862, 0.2962,

0.3384

227.5611, 0.2973,
0.3378

■ 24.4925, 0.2803,
0.3475

■ 24.4925, 0.2803,
0.3475

■ 23.6294, 0.2708,
0.3549

■ 25.5068, 0.2908,
0.3406

■ 22.9071, 0.2625,
0.3628

■ 26.6765, 0.3020,
0.3343

■ 22.3181, 0.2557,
0.3710

■ 28.0091, 0.3137,
0.3285

■ 21.8535, 0.2506,
0.3795

■ 29.5108, 0.3256,
0.3234

■ 21.5028, 0.2474,
0.3881

■ 31.1875, 0.3376,
0.3187

■ 21.2542, 0.2461,
0.3967

■ 33.0448, 0.3494,
0.3146

■ 21.0789, 0.2461,
0.4053

■ 35.0880, 0.3610,
0.3110

■ 21.0648, 0.2461,
0.4061

■ 37.3223, 0.3723,
0.3079

■ 39.7525, 0.3832,
0.3052

Harmonies

Analogous

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



24.4925, 0.3066, 0.3704



24.4925, 0.2803, 0.3475



24.4925, 0.2630, 0.3199

Triad

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



24.4925, 0.2803, 0.3475



24.4925, 0.2886, 0.2822



24.4925, 0.3700, 0.3578

Complementary

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



24.4925, 0.2803, 0.3475



16.6064, 0.3597, 0.3114

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.



24.4925, 0.3650, 0.3344



24.4925, 0.2803, 0.3475



24.4925, 0.3168, 0.2921

Square

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



24.4925, 0.2803, 0.3475



24.4925, 0.2676, 0.2834



24.4925, 0.3452, 0.3108



24.4925, 0.3588, 0.3751

Rectangle

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



24.4925, 0.2803, 0.3475



24.4925, 0.2585, 0.3035



24.4925, 0.3452, 0.3108



24.4925, 0.3701, 0.3503

Sweetspot

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



24.4935, 0.2803, 0.3475



47.0437, 0.3020, 0.3343



24.3852, 0.3198, 0.4079



10.7218, 0.3005, 0.3351



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.



24.4935, 0.2803, 0.3475



42.1709, 0.2739, 0.3523



21.7533, 0.2698, 0.3094



6.0946, 0.3020, 0.3343



18.3470, 0.2460, 0.4056



0.1788, 0.2348, 0.3653

Inverse Universe

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



16.6064, 0.3597, 0.3114



25.9252, 0.3746, 0.3073



18.5912, 0.3694, 0.3477



5.4439, 0.3246, 0.3238



5.2690, 0.5905, 0.3027



0.0534, 0.4890, 0.2467

Previews

White Background



This preview shows how the Yxy color 24.4925, 0.2803, 0.3475 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 24.4925, 0.2803, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

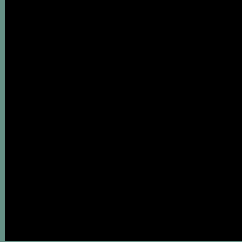
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4925, 0.2803, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 24.4925, 0.2803, 0.3475.



This preview shows how white text looks on a background with the Yxy color 24.4925, 0.2803, 0.3475.

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

24.4925, 0.2803, 0.3475

Protanopia

24.4019, 0.3236, 0.3393

Deuteranopia

24.3346, 0.3259, 0.3192



Tritanopia

24.4138, 0.2674, 0.3076

Trichromacy



Original Color

24.4925, 0.2803, 0.3475

Protanomaly

24.2513, 0.3067, 0.3413

Deuteranomaly

24.2112, 0.3072, 0.3290

Tritanomaly

24.4246, 0.2724, 0.3217

Monochromacy



Original Color

24.4925, 0.2803, 0.3475

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.9597, 0.3003, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4925, 0.2803, 0.3475 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(102, 144, 134)` looks like.

```
.text, #text, p{  
    color:rgb(102, 144, 134)  
}
```

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(102, 144, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 144, 134) }
```

Border

The CSS property to change the border of an element to Yxy 24.4925, 0.2803, 0.3475 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(102, 144, 134) }
```

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

```
.border{ border-color:rgb(102, 144, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 144, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 144, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 144, 134);  
box-shadow:4px 4px 4px 4px rgb(102, 144,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4925, 0.2803, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 144, 134) }
```

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

```
.background{ background-color: rgb(102,  
144, 134) }
```

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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