

Converting Colors

$Y_{xy}(24.6280, 0.2825, 0.4671)$

Have a look what the booklet for
Yxy(24.6280, 0.2825, 0.4671)
contains.

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Color

$Y_{xy}(24.6280, 0.2825, 0.4671)$

Conversions

Conversions Part 1

Format	Color
Hex	379A58
RGB	55, 154, 88
RGB Percent	22%, 60%, 35%
CMY	0.7841, 0.3961, 0.6549
CMYK	0.64, 0.00, 0.43, 0.40
HSL	140°, 47%, 41%
HSV	140°, 64%, 60%
XYZ	14.8949, 24.6280, 13.2024
YIQ	116.8750, -37.8180, -41.5140

Conversions

Conversions Part 2

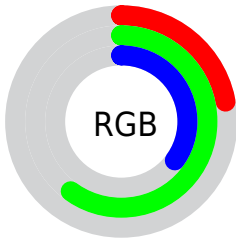
Format	Color
RYB	55, 129, 154
Decimal	3643992
CIELab	56.71, -43.84, 26.37
CIElCh	57, 51.163, 148.970
Yxy	24.6280, 0.2825, 0.4671
Android (android.graphics.Color)	4281834072 (0xFF379A58)
YUV	116.8750, -14.2354, -54.2644
Hunter-Lab	49.6266, -33.2717, 18.9654

Details

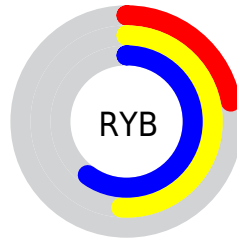
The Yxy color **24.6280, 0.2825, 0.4671** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10.9888, 0.3749, 0.2270**, and the grayscale version is **17.8070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9098, 0.2906, 0.4333**, and **9.6628, 0.2784, 0.5222** is the 20% darker color. If you saturate the color by 10%, you get **24.1011, 0.2815, 0.4922**, and if you desaturate by 10%, it is **25.3167, 0.2850, 0.4418**.

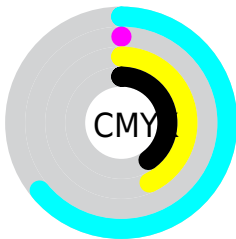
Distribution



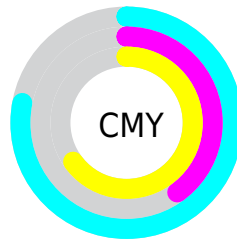
- Red (22%)
- Green (60%)
- Blue (35%)



- Red (22%)
- Yellow (51%)
- Blue (60%)



- Cyan (64%)
- Magenta (0%)
- Yellow (43%)
- Black (40%)




- Cyan (78%)
- Magenta (40%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6280, 0.2825, 0.4671 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 24.6280, 0.2825, 0.4671 by changing the saturation by 10% instead.


 24.6280, 0.2825,
0.4671


 24.6280, 0.2825,
0.4671


275.9803, 0.3020,
0.3857

 15.8001, 0.2754,
0.4927


 51.0531, 0.2910,
0.4339


 9.3828, 0.2645,
0.5294


 69.4191, 0.2938,
0.4226

 4.9917, 0.2460,
0.5854

 91.7332, 0.2959,
0.4135

 2.2424, 0.2219,
0.7231

 118.3800, 0.2976,
0.4059

 0.7430, 0.0000,
1.0000

 149.7436, 0.2990,
0.3996

 0.0000, 0.0000,
0.0000

186.2086, 0.3002,

0.3943

228.1594, 0.3012,
0.3897

■ 24.6280, 0.2825,
0.4671

■ 24.6280, 0.2825,
0.4671

■ 24.1011, 0.2815,
0.4922

■ 25.3167, 0.2850,
0.4418

■ 23.7187, 0.2821,
0.5160

■ 26.1765, 0.2888,
0.4173

■ 23.4651, 0.2843,
0.5376

■ 27.2195, 0.2935,
0.3941

■ 23.3521, 0.2858,
0.5489

■ 28.4559, 0.2988,
0.3727

■ 29.8950, 0.3044,
0.3532

■ 31.5457, 0.3102,
0.3358

■ 33.4162, 0.3160,
0.3204

■ 35.5142, 0.3217,
0.3068

■ 37.8473, 0.3272,
0.2949

Harmonies

Analogous

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



24.6280, 0.3654, 0.4922



24.6280, 0.2825, 0.4671



24.6280, 0.2124, 0.3814

Triad

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



24.6280, 0.2825, 0.4671



24.6280, 0.1891, 0.2007



24.6280, 0.4759, 0.3355

Complementary

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



24.6280, 0.2825, 0.4671



10.9888, 0.3749, 0.2270

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.



24.6280, 0.4145, 0.2771



24.6280, 0.2825, 0.4671



24.6280, 0.2430, 0.2034

Square

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



24.6280, 0.2825, 0.4671



24.6280, 0.1657, 0.2269



24.6280, 0.3245, 0.2305



24.6280, 0.4824, 0.3983

Rectangle

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



24.6280, 0.2825, 0.4671



24.6280, 0.1821, 0.3168



24.6280, 0.3245, 0.2305



24.6280, 0.4609, 0.3152

Sweetspot

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



24.6290, 0.2825, 0.4671



52.9199, 0.3015, 0.3629



27.5732, 0.3649, 0.4941



11.8229, 0.3000, 0.3682



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



24.6290, 0.2825, 0.4671



43.4538, 0.2815, 0.5026



25.6978, 0.2490, 0.3643



6.9578, 0.3073, 0.3442



19.0322, 0.2854, 0.5475



0.2908, 0.2627, 0.4658

Inverse Universe

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



10.9888, 0.3749, 0.2270



16.6553, 0.3949, 0.2143



10.0909, 0.4756, 0.3018



6.2886, 0.3185, 0.3143



6.3971, 0.4244, 0.2112



0.1023, 0.3703, 0.1814

Previews

White Background



This preview shows how the Yxy color 24.6280, 0.2825, 0.4671 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 24.6280, 0.2825, 0.4671 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 24.6280, 0.2825, 0.4671

Background



This preview shows how black text looks on a background with the Yxy color 24.6280, 0.2825, 0.4671.



This preview shows how white text looks on a background with the Yxy color 24.6280, 0.2825, 0.4671.

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

24.6280, 0.2825, 0.4671

Protanopia

24.2179, 0.3865, 0.4186

Deuteranopia

24.0857, 0.3925, 0.3848



Tritanopia

24.6042, 0.2433, 0.3068

Trichromacy



Original Color

24.6280, 0.2825, 0.4671



Protanomaly

23.5635, 0.3388, 0.4384



Deuteranomaly

23.0872, 0.3419, 0.4144



Tritanomaly

24.4536, 0.2569, 0.3602

Monochromacy



Original Color

24.6280, 0.2825, 0.4671



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

19.3856, 0.2971, 0.3789

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6280, 0.2825, 0.4671 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(55, 154, 88)` looks like.

```
.text, #text, p{  
    color:rgb(55, 154, 88)  
}
```

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(55, 154, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 154, 88) }
```

Border

The CSS property to change the border of an element to Yxy 24.6280, 0.2825, 0.4671 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(55, 154, 88) }
```

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

```
.border{ border-color:rgb(55, 154, 88) }
```

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

Here you see how a box with a 4 pixel rgb(55, 154, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 154, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 154, 88);  
box-shadow:4px 4px 4px 4px rgb(55, 154,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6280, 0.2825, 0.4671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 154, 88) }
```

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

```
.background{ background-color: rgb(55, 154,  
88) }
```

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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