

Converting Colors

$Yxy(33.0479, 0.2720, 0.3682)$

Have a look what the booklet for
Yxy(33.0479, 0.2720, 0.3682)
contains.

Yxy(33.0479, 0.2720, 0.3682)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.0479, 0.2720, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	62A992
RGB	98, 169, 146
RGB Percent	38%, 66%, 57%
CMY	0.6157, 0.3372, 0.4274
CMYK	0.42, 0.00, 0.14, 0.34
HSL	161°, 29%, 52%
HSV	161°, 42%, 66%
XYZ	24.4134, 33.0479, 32.2940
YIQ	145.1490, -34.9330, -22.2050

Conversions

Conversions Part 2

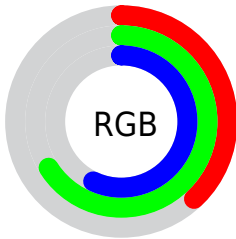
Format	Color
RYB	98, 140, 169
Decimal	6465938
CIELab	64.20, -27.85, 4.90
CIELCh	64, 28.282, 170.028
Yxy	33.0479, 0.2720, 0.3682
Android (android.graphics.Color)	4284656018 (0xFF62A992)
YUV	145.1490, 0.4195, -41.3497
Hunter-Lab	57.4873, -24.7982, 6.9345

Details

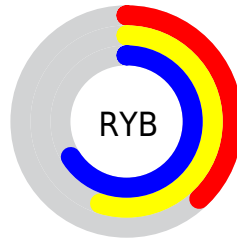
The Yxy color **33.0479, 0.2720, 0.3682** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **18.5486, 0.3831, 0.2939**, and the grayscale version is **28.3881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6960, 0.2803, 0.3605**, and **13.8932, 0.2580, 0.3798** is the 20% darker color. If you saturate the color by 10%, you get **32.0402, 0.2649, 0.3795**, and if you desaturate by 10%, it is **34.2649, 0.2804, 0.3576**.

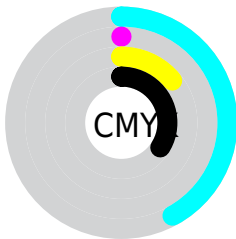
Distribution



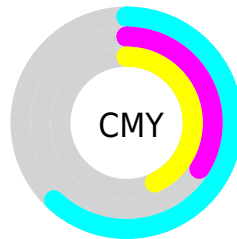
- Red (38%)
- Green (66%)
- Blue (57%)



- Red (38%)
- Yellow (55%)
- Blue (66%)



- Cyan (42%)
- Magenta (0%)
- Yellow (14%)
- Black (34%)





- Cyan (62%)
- Magenta (34%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0479, 0.2720, 0.3682 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 33.0479, 0.2720, 0.3682 by changing the saturation by 10% instead.


 33.0479, 0.2720,
0.3682


 33.0479, 0.2720,
0.3682

315.8655, 0.2937,
0.3470

 22.1631, 0.2661,
0.3741


 64.4503, 0.2802,
0.3601

 13.9768, 0.2582,
0.3820


 85.7367, 0.2832,
0.3572

 8.1045, 0.2472,
0.3933


 111.2592, 0.2857,
0.3548

 4.1619, 0.2307,
0.4105

 141.4021, 0.2878,
0.3527

 1.7645, 0.2032,
0.4403

176.5497, 0.2896,
0.3510

 0.4649, 0.0000,
0.7394

217.0866, 0.2911,

 0.0000, 0.0000,

0.3495

0.0000

263.3971, 0.2925,
0.3482

■ 33.0479, 0.2720,
0.3682

■ 33.0479, 0.2720,
0.3682

■ 32.0402, 0.2649,
0.3795

■ 34.2649, 0.2804,
0.3576

■ 31.2251, 0.2593,
0.3913

■ 35.6988, 0.2898,
0.3478

■ 30.5897, 0.2555,
0.4034


■ 37.3616, 0.3000,
0.3387


■ 30.1179, 0.2537,
0.4156

■ 39.2634, 0.3105,
0.3306

■ 29.7905, 0.2538,
0.4278

■ 41.4136, 0.3213,
0.3232

 29.5991, 0.2549,
0.4375

 43.8211, 0.3322,
0.3167

 46.4943, 0.3429,
0.3109

 49.4412, 0.3533,
0.3058

 52.6697, 0.3634,
0.3013

Harmonies

Analogous

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



33.0479, 0.3135, 0.4006



33.0479, 0.2720, 0.3682



33.0479, 0.2426, 0.3245

Triad

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



33.0479, 0.2720, 0.3682



33.0479, 0.2663, 0.2579



33.0479, 0.4014, 0.3622

Complementary

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



33.0479, 0.2720, 0.3682



18.5486, 0.3831, 0.2939

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.



33.0479, 0.3876, 0.3265



33.0479, 0.2720, 0.3682



33.0479, 0.3068, 0.2690

Square

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



33.0479, 0.2720, 0.3682



33.0479, 0.2397, 0.2632



33.0479, 0.3519, 0.2934



33.0479, 0.3894, 0.3928

Rectangle

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



33.0479, 0.2720, 0.3682



33.0479, 0.2330, 0.2976



33.0479, 0.3519, 0.2934



33.0479, 0.3997, 0.3504

Sweetspot

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



33.0492, 0.2720, 0.3682



66.5258, 0.2987, 0.3398



33.3717, 0.3273, 0.4482



14.3562, 0.2965, 0.3417



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



33.0492, 0.2720, 0.3682



57.5651, 0.2656, 0.3782



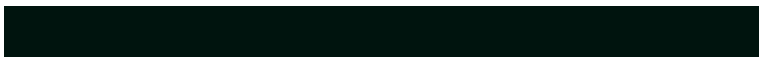
29.6315, 0.2532, 0.3090



8.4901, 0.3028, 0.3364



22.0692, 0.2545, 0.4362



0.5457, 0.2434, 0.3963

Inverse Universe

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



18.5486, 0.3831, 0.2939



28.2317, 0.4062, 0.2870



20.4312, 0.4104, 0.3476



7.5808, 0.3237, 0.3217



6.4989, 0.5633, 0.2877



0.1674, 0.4724, 0.2376

Previews

White Background



This preview shows how the Yxy color 33.0479, 0.2720, 0.3682 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 33.0479, 0.2720, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

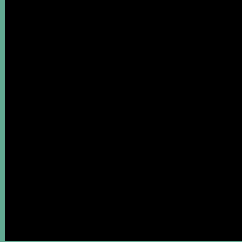
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0479, 0.2720, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 33.0479, 0.2720, 0.3682.

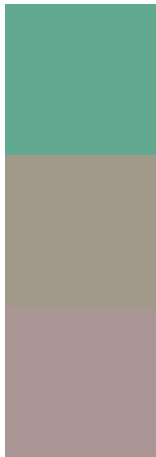


This preview shows how white text looks on a background with the Yxy color 33.0479, 0.2720, 0.3682.

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

33.0479, 0.2720, 0.3682

Protanopia

32.5232, 0.3350, 0.3533

Deuteranopia

32.6726, 0.3344, 0.3291



Tritanopia

32.8294, 0.2545, 0.3065

Trichromacy



Original Color

33.0479, 0.2720, 0.3682

Protanomaly

32.1226, 0.3085, 0.3579

Deuteranomaly

32.2132, 0.3073, 0.3415

Tritanomaly

32.9092, 0.2609, 0.3288

Monochromacy



Original Color

33.0479, 0.2720, 0.3682

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.7447, 0.2956, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0479, 0.2720, 0.3682 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(98, 169, 146)` looks like.

```
.text, #text, p{  
    color:rgb(98, 169, 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(98, 169, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 169, 146) }
```

Border

The CSS property to change the border of an element to Yxy 33.0479, 0.2720, 0.3682 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(98, 169, 146) }
```

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

```
.border{ border-color:rgb(98, 169, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 169, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 169, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 169, 146);  
box-shadow:4px 4px 4px 4px rgb(98, 169,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0479, 0.2720, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 169, 146) }
```

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

```
.background{ background-color: rgb(98, 169,  
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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