

Converting Colors

$Y_{xy}(11.2624, 0.2638, 0.3480)$

Have a look what the booklet for
Yxy(11.2624, 0.2638, 0.3480)
contains.

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Color

Yxy(11.1988, 0.2638, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	39665F
RGB	57, 102, 95
RGB Percent	22%, 40%, 37%
CMY	0.7763, 0.6000, 0.6274
CMYK	0.44, 0.00, 0.07, 0.60
HSL	171°, 28%, 31%
HSV	171°, 44%, 40%
XYZ	8.5063, 11.1988, 12.5402
YIQ	87.7470, -24.5730, -11.7170

Conversions

Conversions Part 2

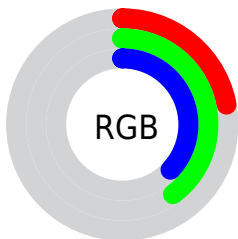
Format	Color
RYB	57, 81, 102
Decimal	3761759
CIELab	39.91, -17.35, -0.90
CIELCh	40, 17.378, 182.985
Yxy	11.1988, 0.2638, 0.3473
Android (android.graphics.Color)	4281951839 (0xFF39665F)
YUV	87.7470, 3.5757, -26.9651
Hunter-Lab	33.4646, -13.1904, 1.2075

Details

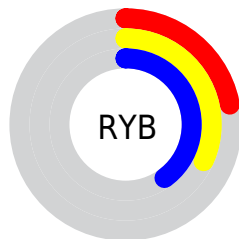
The Yxy color **11.1988, 0.2638, 0.3473** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6.1261, 0.4011, 0.3122**, and the grayscale version is **9.6995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9526, 0.2768, 0.3429**, and **2.9864, 0.2376, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **10.9002, 0.2556, 0.3522**, and if you desaturate by 10%, it is **11.5592, 0.2733, 0.3427**.

Distribution



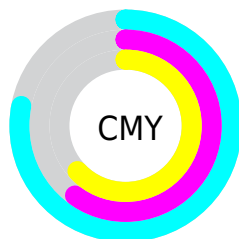
- Red (22%)
- Green (40%)
- Blue (37%)



- Red (22%)
- Yellow (32%)
- Blue (40%)



- Cyan (44%)
- Magenta (0%)
- Yellow (7%)
- Black (60%)





- Cyan (78%)
- Magenta (60%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1988, 0.2638, 0.3473 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 11.1988, 0.2638, 0.3473 by changing the saturation by 10% instead.


 11.1988, 0.2638,
0.3473


 11.1988, 0.2638,
0.3473


 199.0264, 0.2938,
0.3362


 6.2007, 0.2534,
0.3511

 28.0272, 0.2765,
0.3426


 2.9675, 0.2374,
0.3568


 40.6263, 0.2807,
0.3411

 1.1148, 0.2049,
0.3687

 56.5279, 0.2840,
0.3398

 0.0000, 0.0000,
0.0000

 76.1163, 0.2867,
0.3388

 99.7760, 0.2889,
0.3380

 127.8913, 0.2908,

0.3373

160.8466, 0.2924,
0.3367

■ 11.1988, 0.2638,
0.3473

■ 11.1988, 0.2638,
0.3473

■ 10.9002, 0.2556,
0.3522

■ 11.5592, 0.2733,
0.3427

■ 10.6583, 0.2489,
0.3572

■ 11.9833, 0.2840,
0.3383

■ 10.4696, 0.2438,
0.3624

■ 12.4747, 0.2955,
0.3342

■ 10.3296, 0.2405,
0.3676

■ 13.0363, 0.3076,
0.3304

■ 10.2300, 0.2387,
0.3728

■ 13.6707, 0.3202,
0.3270

■ 10.1756, 0.2378,
0.3759

■ 14.3806, 0.3329,
0.3239

■ 15.1683, 0.3457,
0.3212

■ 16.0363, 0.3583,
0.3187

■ 16.9868, 0.3707,
0.3166

Harmonies

Analogous

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



11.1988, 0.2971, 0.3815



11.1988, 0.2638, 0.3473



11.1988, 0.2440, 0.3096

Triad

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



11.1988, 0.2638, 0.3473



11.1988, 0.2862, 0.2682



11.1988, 0.3891, 0.3716

Complementary

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



11.1988, 0.2638, 0.3473



6.1261, 0.4011, 0.3122

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.



11.1988, 0.3866, 0.3410



11.1988, 0.2638, 0.3473



11.1988, 0.3251, 0.2837

Square

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



11.1988, 0.2638, 0.3473



11.1988, 0.2563, 0.2666



11.1988, 0.3626, 0.3097



11.1988, 0.3700, 0.3937

Rectangle

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



11.1988, 0.2638, 0.3473



11.1988, 0.2403, 0.2889



11.1988, 0.3626, 0.3097



11.1988, 0.3908, 0.3620

Sweetspot

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



11.1992, 0.2638, 0.3473



21.9447, 0.2963, 0.3339



10.9057, 0.3167, 0.4520



5.1411, 0.2944, 0.3346



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



11.1992, 0.2638, 0.3473



19.0972, 0.2552, 0.3524



8.6489, 0.2500, 0.2884



3.1783, 0.3017, 0.3322



13.0657, 0.2380, 0.3766



68.0400, 0.2388, 0.3797

Inverse Universe

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



6.1261, 0.4011, 0.3122



8.9188, 0.4348, 0.3087



7.7590, 0.4023, 0.3656



2.8528, 0.3250, 0.3258



3.6711, 0.6100, 0.3134



19.0594, 0.6212, 0.3196

Previews

White Background



This preview shows how the Yxy color 11.1988, 0.2638, 0.3473 looks on a white 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

Black Background



This preview shows how the Yxy color 11.1988, 0.2638, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

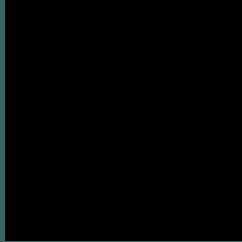
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

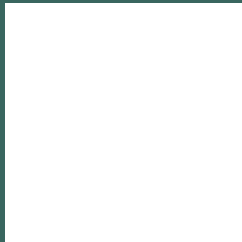
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.1988, 0.2638, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 11.1988, 0.2638, 0.3473.



This preview shows how white text looks on a background with the Yxy color 11.1988, 0.2638, 0.3473.

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

11.1988, 0.2638, 0.3473

Protanopia

11.0537, 0.3218, 0.3361

Deuteranopia

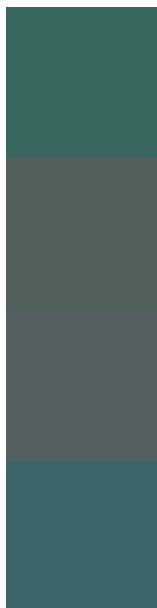
11.1119, 0.3197, 0.3153



Tritanopia

11.1892, 0.2535, 0.3087

Trichromacy



Original Color

11.1988, 0.2638, 0.3473

Protanomaly

10.9323, 0.2974, 0.3389

Deuteranomaly

10.9602, 0.2964, 0.3265

Tritanomaly

11.2473, 0.2580, 0.3237

Monochromacy



Original Color

11.1988, 0.2638, 0.3473

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

10.1618, 0.2914, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1988, 0.2638, 0.3473 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(57, 102, 95)` looks like.

```
.text, #text, p{  
    color:rgb(57, 102, 95)  
}
```

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(57, 102, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 102, 95) }
```

Border

The CSS property to change the border of an element to Yxy 11.1988, 0.2638, 0.3473 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(57, 102, 95) }
```

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

```
.border{ border-color:rgb(57, 102, 95) }
```

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

Here you see how a box with a 4 pixel rgb(57, 102, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 102, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 102, 95);  
box-shadow:4px 4px 4px 4px rgb(57, 102,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1988, 0.2638, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 102, 95) }
```

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

```
.background{ background-color: rgb(57, 102,  
95) }
```

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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