

Converting Colors

$Y_{xy}(10.2994, 0.2690, 0.3612)$

Have a look what the booklet for
Yxy(10.2994, 0.2690, 0.3612)
contains.

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Color

Yxy(10.2357, 0.2690, 0.3593)

Conversions

Conversions Part 1

Format	Color
Hex	376257
RGB	55, 98, 87
RGB Percent	22%, 38%, 34%
CMY	0.7843, 0.6157, 0.6588
CMYK	0.44, 0.00, 0.11, 0.62
HSL	165°, 28%, 30%
HSV	165°, 44%, 38%
XYZ	7.6632, 10.2357, 10.5889
YIQ	83.8890, -22.0970, -12.5370

Conversions

Conversions Part 2

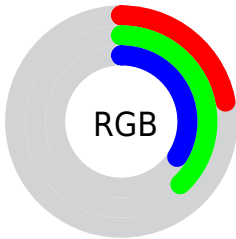
Format	Color
RYB	55, 80, 98
Decimal	3629655
CIELab	38.26, -17.88, 1.58
CIELCh	38, 17.955, 174.944
Yxy	10.2357, 0.2690, 0.3593
Android (android.graphics.Color)	4281819735 (0xFF376257)
YUV	83.8890, 1.5337, -25.3357
Hunter-Lab	31.9933, -13.2327, 2.7718

Details

The Yxy color **10.2357, 0.2690, 0.3593** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5.7218, 0.3892, 0.3015**, and the grayscale version is **8.8417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.2441, 0.2802, 0.3507**, and **2.5671, 0.2437, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **9.9461, 0.2616, 0.3675**, and if you desaturate by 10%, it is **10.5826, 0.2776, 0.3515**.

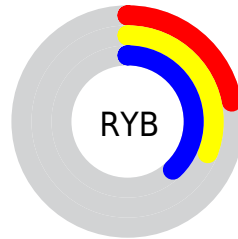
Distribution



Red (22%)

Green (38%)

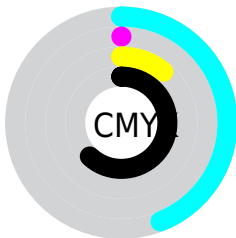
Blue (34%)



Red (22%)

Yellow (31%)

Blue (38%)

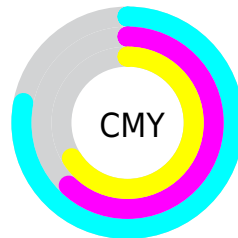


Cyan (44%)

Magenta (0%)

Yellow (11%)

Black (62%)



Cyan (78%)


Magenta (62%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.2357, 0.2690, 0.3593 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 10.2357, 0.2690, 0.3593 by changing the saturation by 10% instead.

 10.2357, 0.2690,
0.3593


 10.2357, 0.2690,
0.3593


192.3461, 0.2963,
0.3403

 5.5555, 0.2591,
0.3663

 26.2379, 0.2808,
0.3510


 2.5767, 0.2436,
0.3775


 38.3287, 0.2846,
0.3484

 0.9150, 0.1938,
0.4097

 53.6585, 0.2876,
0.3463

 0.0000, 0.0000,
0.0000

 72.6117, 0.2900,
0.3446

 95.5726, 0.2920,
0.3432

 122.9257, 0.2936,

0.3421

155.0555, 0.2951,
0.3411

■ 10.2357, 0.2690,
0.3593

■ 10.2357, 0.2690,
0.3593

■ 9.9461, 0.2616,
0.3675

■ 10.5826, 0.2776,
0.3515

■ 9.7092, 0.2556,
0.3761

■ 10.9884, 0.2872,
0.3442

■ 9.5218, 0.2512,
0.3850


■ 11.4565, 0.2976,
0.3374

■ 9.3797, 0.2485,
0.3939

■ 11.9895, 0.3084,
0.3313

■ 9.2753, 0.2474,
0.4029


■ 12.5898, 0.3195,
0.3256

 9.2161, 0.2468,
0.4085

 13.2597, 0.3308,
0.3206

 14.0016, 0.3420,
0.3161

 14.8174, 0.3530,
0.3121

 15.7093, 0.3638,
0.3086

Harmonies

Analogous

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



10.2357, 0.3069, 0.3923



10.2357, 0.2690, 0.3593



10.2357, 0.2437, 0.3184

Triad

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



10.2357, 0.2690, 0.3593



10.2357, 0.2747, 0.2626



10.2357, 0.3957, 0.3658

Complementary

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



10.2357, 0.2690, 0.3593



5.7218, 0.3892, 0.3015

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.



10.2357, 0.3866, 0.3324



10.2357, 0.2690, 0.3593



10.2357, 0.3143, 0.2754

Square

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



10.2357, 0.2690, 0.3593



10.2357, 0.2469, 0.2651



10.2357, 0.3560, 0.3002



10.2357, 0.3809, 0.3928

Rectangle

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



10.2357, 0.2690, 0.3593



10.2357, 0.2365, 0.2943



10.2357, 0.3560, 0.3002



10.2357, 0.3954, 0.3550

Sweetspot

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



10.2361, 0.2690, 0.3593



20.1195, 0.2981, 0.3371



10.1861, 0.3229, 0.4484



4.7490, 0.2964, 0.3382



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



10.2361, 0.2690, 0.3593



17.3971, 0.2611, 0.3681



8.6680, 0.2525, 0.3012



2.8846, 0.3030, 0.3343



12.2649, 0.2472, 0.4099



65.3738, 0.2487, 0.4153

Inverse Universe

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



5.7218, 0.3892, 0.3015



8.3132, 0.4188, 0.2954



6.6565, 0.4059, 0.3546



2.5997, 0.3235, 0.3238



3.5451, 0.5804, 0.2971



18.8131, 0.5950, 0.3051

Previews

White Background



This preview shows how the Yxy color 10.2357, 0.2690, 0.3593 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 10.2357, 0.2690, 0.3593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

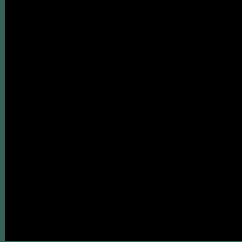
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.2357, 0.2690, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 10.2357, 0.2690, 0.3593.



This preview shows how white text looks on a background with the Yxy color 10.2357, 0.2690, 0.3593.

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

10.2357, 0.2690, 0.3593

Protanopia

10.0811, 0.3301, 0.3463

Deuteranopia

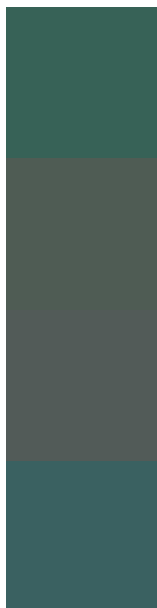
10.1343, 0.3279, 0.3243



Tritanopia

10.2748, 0.2550, 0.3106

Trichromacy



Original Color

10.2357, 0.2690, 0.3593

Protanomaly

9.9567, 0.3040, 0.3498

Deuteranomaly

9.9806, 0.3030, 0.3366

Tritanomaly

10.3120, 0.2608, 0.3288

Monochromacy



Original Color

10.2357, 0.2690, 0.3593

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

9.2171, 0.2934, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.2357, 0.2690, 0.3593 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, 98, 87)` looks like.

```
.text, #text, p{  
  color:rgb(55, 98, 87)  
}
```

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, 98, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 98, 87) }
```

Border

The CSS property to change the border of an element to Yxy 10.2357, 0.2690, 0.3593 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, 98, 87) }
```

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

```
.border{ border-color:rgb(55, 98, 87) }
```

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

Here you see how a box with a 4 pixel rgb(55, 98, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 98, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 98, 87);  
box-shadow:4px 4px 4px 4px rgb(55, 98, 87)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.2357, 0.2690, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 98, 87) }
```

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

```
.background{ background-color: rgb(55, 98,  
87) }
```

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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