

Converting Colors

$Y_{xy}(29.2092, 0.2703, 0.3345)$

Have a look what the booklet for
Yxy(29.2092, 0.2703, 0.3345)
contains.

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Color

$Y_{xy}(29.1410, 0.2703, 0.3340)$

Conversions

Conversions Part 1

Format	Color
Hex	6A9C99
RGB	106, 156, 153
RGB Percent	42%, 61%, 60%
CMY	0.5843, 0.3882, 0.3999
CMYK	0.32, 0.00, 0.02, 0.39
HSL	176°, 20%, 51%
HSV	176°, 32%, 61%
XYZ	23.5833, 29.1410, 34.5242
YIQ	140.7080, -28.8370, -11.5330

Conversions

Conversions Part 2

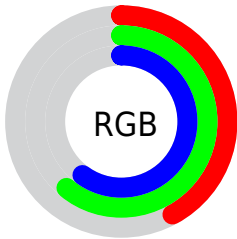
Format	Color
R_{YB}	106, 132, 156
Decimal	6986905
CIE _{Lab}	60.91, -17.30, -3.78
CIE _{LCh}	61, 17.710, 192.337
Y _{xy}	29.1410, 0.2703, 0.3340
Android (android.graphics.Color)	4285176985 (0xFF6A9C99)
YUV	140.7080, 6.0600, -30.4389
Hunter-Lab	53.9824, -16.4880, -0.1310

Details

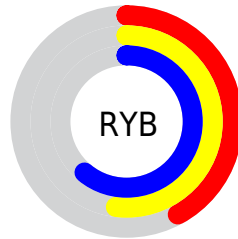
The Yxy color $29.1410, 0.2703, 0.3340$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.4813, 0.3794, 0.3242$, and the grayscale version is $26.5013, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.4645, 0.2791, 0.3340$, and $11.8747, 0.2558, 0.3365$ is the 20% darker color. If you saturate the color by 10%, you get $28.2410, 0.2594, 0.3358$, and if you desaturate by 10%, it is $30.2174, 0.2825, 0.3323$.

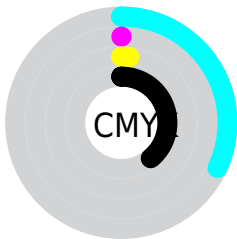
Distribution



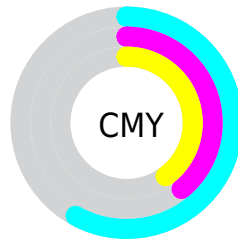
- Red (42%)
- Green (61%)
- Blue (60%)



- Red (42%)
- Yellow (52%)
- Blue (61%)



- Cyan (32%)
- Magenta (0%)
- Yellow (2%)
- Black (39%)





- Cyan (58%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1410, 0.2703, 0.3340 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 29.1410, 0.2703, 0.3340 by changing the saturation by 10% instead.


 29.1410, 0.2703,
0.3340


 29.1410, 0.2703,
0.3340


297.8797, 0.2930,
0.3316


 19.1875, 0.2641,
0.3346


 58.3010, 0.2789,
0.3331


 11.8058, 0.2559,
0.3352


 78.2764, 0.2820,
0.3328

 6.6116, 0.2442,
0.3361


 102.3611, 0.2846,
0.3325

 3.2204, 0.2267,
0.3370

 130.9396, 0.2868,
0.3323

 1.2479, 0.1964,
0.3380

164.3964, 0.2887,
0.3321

 0.1003, 0.0000,
0.2116

203.1157, 0.2903,

 0.0000, 0.0000,

0.3319

0.0000

247.4820, 0.2917,
0.3317

■ 29.1410, 0.2703,
0.3340

■ 29.1410, 0.2703,
0.3340

■ 28.2410, 0.2594,
0.3358

■ 30.2174, 0.2825,
0.3323

■ 27.5045, 0.2501,
0.3377

■ 31.4755, 0.2957,
0.3307

■ 26.9224, 0.2425,
0.3396

■ 32.9246, 0.3098,
0.3293

■ 26.4831, 0.2368,
0.3415

■ 34.5723, 0.3243,
0.3280

■ 26.1735, 0.2328,
0.3435

■ 36.4259, 0.3391,
0.3268

■ 25.9782, 0.2307,
0.3455

■ 38.4921, 0.3540,
0.3257

■ 25.8738, 0.2297,
0.3470

■ 40.7776, 0.3687,
0.3248

■ 43.2887, 0.3830,
0.3240

■ 46.0312, 0.3970,
0.3234

Harmonies

Analogous

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



29.1410, 0.2929, 0.3604



29.1410, 0.2703, 0.3340



29.1410, 0.2590, 0.3075

Triad

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



29.1410, 0.2703, 0.3340



29.1410, 0.3019, 0.2856



29.1410, 0.3665, 0.3675

Complementary

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



29.1410, 0.2703, 0.3340



18.4813, 0.3794, 0.3242

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.



29.1410, 0.3696, 0.3462



29.1410, 0.2703, 0.3340



29.1410, 0.3313, 0.3003

Square

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



29.1410, 0.2703, 0.3340



29.1410, 0.2765, 0.2812



29.1410, 0.3565, 0.3220



29.1410, 0.3486, 0.3796

Rectangle

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



29.1410, 0.2703, 0.3340



29.1410, 0.2589, 0.2938



29.1410, 0.3565, 0.3220



29.1410, 0.3694, 0.3611

Sweetspot

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



29.1422, 0.2703, 0.3340



57.6281, 0.2983, 0.3305



28.0908, 0.3115, 0.4199



12.6092, 0.2965, 0.3306



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.



29.1422, 0.2703, 0.3340



51.7986, 0.2629, 0.3352



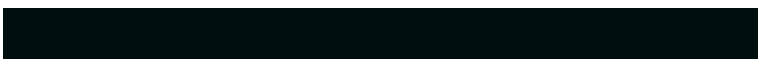
22.6083, 0.2635, 0.2904



7.5026, 0.2996, 0.3303



21.3136, 0.2297, 0.3468



0.3829, 0.2275, 0.3390

Inverse Universe

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



18.4813, 0.3794, 0.3242



29.5239, 0.3999, 0.3232



23.4613, 0.3728, 0.3646



6.6523, 0.3275, 0.3277



5.8405, 0.6316, 0.3253



0.1061, 0.5932, 0.3041

Previews

White Background



This preview shows how the Yxy color 29.1410, 0.2703, 0.3340 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 29.1410, 0.2703, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

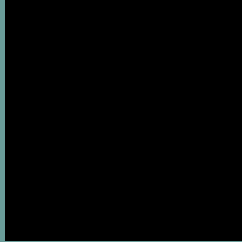
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1410, 0.2703, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 29.1410, 0.2703, 0.3340.



This preview shows how white text looks on a background with the Yxy color 29.1410, 0.2703, 0.3340.

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

29.1410, 0.2703, 0.3340

Protanopia

29.0539, 0.3149, 0.3274

Deuteranopia

28.8142, 0.3137, 0.3076



Tritanopia

29.1156, 0.2625, 0.3089

Trichromacy



Original Color

29.1410, 0.2703, 0.3340

Protanomaly

28.9692, 0.2968, 0.3306

Deuteranomaly

28.6373, 0.2962, 0.3161

Tritanomaly

29.2040, 0.2657, 0.3188

Monochromacy



Original Color

29.1410, 0.2703, 0.3340

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.1913, 0.2954, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1410, 0.2703, 0.3340 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(106, 156, 153)` looks like.

```
.text, #text, p{  
    color:rgb(106, 156, 153)  
}
```

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(106, 156, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 156, 153) }
```

Border

The CSS property to change the border of an element to Yxy 29.1410, 0.2703, 0.3340 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(106, 156, 153) }
```

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

```
.border{ border-color:rgb(106, 156, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 156, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 156, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 156, 153);  
box-shadow:4px 4px 4px 4px rgb(106, 156,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1410, 0.2703, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 156, 153) }
```

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

```
.background{ background-color: rgb(106,  
156, 153) }
```

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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