

Converting Colors

$Y_{xy}(28.3992, 0.2672, 0.3311)$

Have a look what the booklet for
Yxy(28.3992, 0.2672, 0.3311)
contains.

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Color

$Yxy(28.2947, 0.2676, 0.3306)$

Conversions

Conversions Part 1

Format	Color
Hex	679A99
RGB	103, 154, 153
RGB Percent	40%, 60%, 60%
CMY	0.5959, 0.3961, 0.4000
CMYK	0.33, 0.00, 0.01, 0.40
HSL	179°, 20%, 50%
HSV	179°, 33%, 60%
XYZ	22.9028, 28.2947, 34.3884
YIQ	138.6370, -30.0750, -11.1230

Conversions

Conversions Part 2

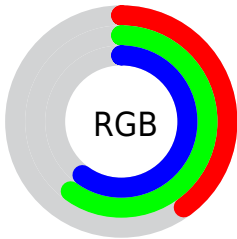
Format	Color
R_{YB}	103, 129, 154
Decimal	6789785
CIE _{Lab}	60.15, -17.11, -4.90
CIE _{LCh}	60, 17.800, 195.982
Yxy	28.2947, 0.2676, 0.3306
Android (android.graphics.Color)	4284979865 (0xFF679A99)
YUV	138.6370, 7.0810, -31.2536
Hunter-Lab	53.1928, -16.2320, -1.0953

Details

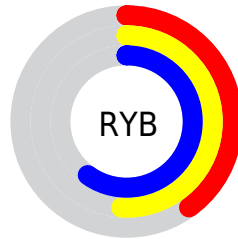
The Yxy color **28.2947, 0.2676, 0.3306** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.5811, 0.3853, 0.3275**, and the grayscale version is **25.6575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.1738, 0.2770, 0.3314**, and **11.3899, 0.2521, 0.3314** is the 20% darker color. If you saturate the color by 10%, you get **27.4570, 0.2566, 0.3312**, and if you desaturate by 10%, it is **29.3024, 0.2801, 0.3301**.

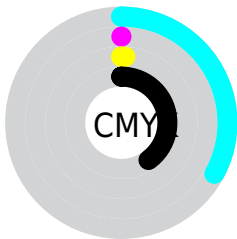
Distribution



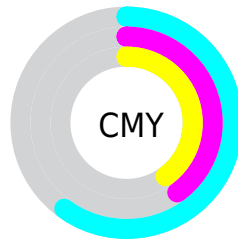
- Red (40%)
- Green (60%)
- Blue (60%)



- Red (40%)
- Yellow (51%)
- Blue (60%)



- Cyan (33%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)




- Cyan (60%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2947, 0.2676, 0.3306 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 28.2947, 0.2676, 0.3306 by changing the saturation by 10% instead.


 28.2947, 0.2676,
0.3306


 28.2947, 0.2676,
0.3306

293.8724, 0.2918,
0.3301


 18.5479, 0.2610,
0.3306


 56.9546, 0.2768,
0.3305

 11.3441, 0.2521,
0.3305


 76.6365, 0.2801,
0.3304

 6.2988, 0.2396,
0.3302


 100.3989, 0.2829,
0.3304

 3.0276, 0.2208,
0.3293

 128.6263, 0.2852,
0.3303

 1.1462, 0.1860,
0.3277

161.7029, 0.2872,
0.3302

 0.0171, 0.0000,
0.0451

200.0132, 0.2889,

 0.0000, 0.0000,

0.3302

0.0000

243.9416, 0.2904,
0.3301

■ 28.2947, 0.2676,
0.3306

■ 28.2947, 0.2676,
0.3306

■ 27.4570, 0.2566,
0.3312

■ 29.3024, 0.2801,
0.3301

■ 26.7767, 0.2471,
0.3318

■ 30.4853, 0.2937,
0.3296

■ 26.2449, 0.2395,
0.3324

■ 31.8525, 0.3081,
0.3291

■ 25.8502, 0.2336,
0.3330

■ 33.4112, 0.3232,
0.3287

■ 25.5798, 0.2296,
0.3336

■ 35.1687, 0.3386,
0.3284

■ 25.4185, 0.2273,
0.3342

■ 37.1316, 0.3541,
0.3280

■ 25.3428, 0.2263,
0.3346

■ 39.3063, 0.3694,
0.3278

■ 41.6989, 0.3845,
0.3275

■ 44.3151, 0.3991,
0.3273

Harmonies

Analogous

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



28.2947, 0.2893, 0.3580



28.2947, 0.2676, 0.3306



28.2947, 0.2577, 0.3043

Triad

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



28.2947, 0.2676, 0.3306



28.2947, 0.3052, 0.2863



28.2947, 0.3659, 0.3701

Complementary

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



28.2947, 0.2676, 0.3306



17.5811, 0.3853, 0.3275

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.



28.2947, 0.3710, 0.3494



28.2947, 0.2676, 0.3306



28.2947, 0.3351, 0.3023

Square

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



28.2947, 0.2676, 0.3306



28.2947, 0.2786, 0.2804



28.2947, 0.3596, 0.3248



28.2947, 0.3461, 0.3810

Rectangle

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



28.2947, 0.2676, 0.3306



28.2947, 0.2588, 0.2912



28.2947, 0.3596, 0.3248



28.2947, 0.3694, 0.3640

Sweetspot

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



28.2958, 0.2676, 0.3306



56.0637, 0.2977, 0.3294



27.0780, 0.3098, 0.4237



12.6189, 0.2959, 0.3295



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.



28.2958, 0.2676, 0.3306



50.2029, 0.2589, 0.3310



21.2440, 0.2616, 0.2858



7.0245, 0.2992, 0.3294



20.6497, 0.2263, 0.3346



0.3093, 0.2255, 0.3318

Inverse Universe

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



17.5811, 0.3853, 0.3275



27.5395, 0.4108, 0.3272



22.9836, 0.3742, 0.3685



6.2245, 0.3280, 0.3286



5.6032, 0.6372, 0.3284



0.0842, 0.6230, 0.3206

Previews

White Background



This preview shows how the Yxy color 28.2947, 0.2676, 0.3306 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 28.2947, 0.2676, 0.3306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

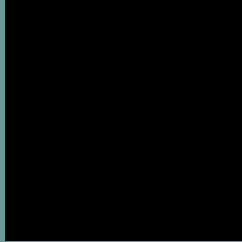
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2947, 0.2676, 0.3306

Background



This preview shows how black text looks on a background with the Yxy color 28.2947, 0.2676, 0.3306.

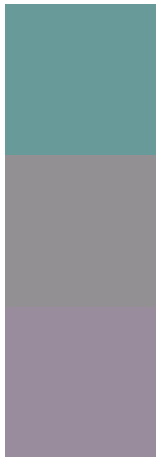


This preview shows how white text looks on a background with the Yxy color 28.2947, 0.2676, 0.3306.

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

28.2947, 0.2676, 0.3306

Protanopia

28.1641, 0.3119, 0.3242

Deuteranopia

27.9288, 0.3107, 0.3043



Tritanopia

28.2010, 0.2612, 0.3086

Trichromacy



Original Color

28.2947, 0.2676, 0.3306

Protanomaly

28.0956, 0.2938, 0.3273

Deuteranomaly

27.7683, 0.2932, 0.3127

Tritanomaly

28.3238, 0.2637, 0.3169

Monochromacy



Original Color

28.2947, 0.2676, 0.3306

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.3958, 0.2942, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2947, 0.2676, 0.3306 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(103, 154, 153)` looks like.

```
.text, #text, p{  
    color:rgb(103, 154, 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(103, 154, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 154, 153) }
```

Border

The CSS property to change the border of an element to Yxy 28.2947, 0.2676, 0.3306 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(103, 154, 153) }
```

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

```
.border{ border-color:rgb(103, 154, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 154, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 154, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 154, 153);  
box-shadow:4px 4px 4px 4px rgb(103, 154,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2947, 0.2676, 0.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 154, 153) }
```

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

```
.background{ background-color: rgb(103,  
154, 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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