

Converting Colors

$Y_{xy}(29.2553, 0.2735, 0.3445)$

Have a look what the booklet for
Yxy(29.2553, 0.2735, 0.3445)
contains.

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Color

$Y_{xy}(29.2553, 0.2735, 0.3445)$

Conversions

Conversions Part 1

Format	Color
Hex	699D94
RGB	105, 157, 148
RGB Percent	41%, 62%, 58%
CMY	0.5883, 0.3843, 0.4196
CMYK	0.33, 0.00, 0.06, 0.38
HSL	170°, 21%, 51%
HSV	170°, 33%, 62%
XYZ	23.2259, 29.2553, 32.4398
YIQ	140.4260, -28.1030, -13.8230

Conversions

Conversions Part 2

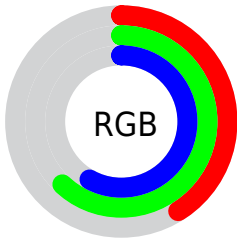
Format	Color
RYB	105, 133, 157
Decimal	6921620
CIELab	61.01, -19.33, -0.81
CIELCh	61, 19.346, 182.396
Yxy	29.2553, 0.2735, 0.3445
Android (android.graphics.Color)	4285111700 (0xFF699D94)
YUV	140.4260, 3.7340, -31.0686
Hunter-Lab	54.0882, -18.0049, 2.3020

Details

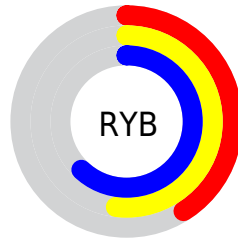
The Yxy color **29.2553, 0.2735, 0.3445** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.4821, 0.3740, 0.3143**, and the grayscale version is **26.3920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6203, 0.2815, 0.3417**, and **11.7505, 0.2599, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **28.3071, 0.2638, 0.3500**, and if you desaturate by 10%, it is **30.3834, 0.2844, 0.3394**.

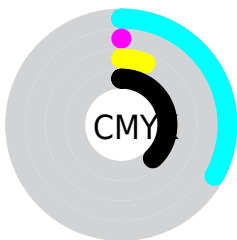
Distribution



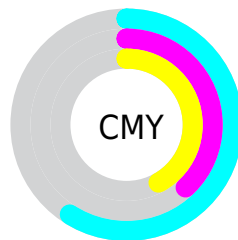
- Red (41%)
- Green (62%)
- Blue (58%)



- Red (41%)
- Yellow (52%)
- Blue (62%)



- Cyan (33%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)





- Cyan (59%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2553, 0.2735, 0.3445 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 29.2553, 0.2735, 0.3445 by changing the saturation by 10% instead.


 29.2553, 0.2735,
0.3445


 29.2553, 0.2735,
0.3445


298.4176, 0.2945,
0.3363

 19.2740, 0.2677,
0.3467


 58.4825, 0.2815,
0.3414

 11.8685, 0.2600,
0.3497


 78.4972, 0.2844,
0.3402

 6.6542, 0.2490,
0.3539


 102.6251, 0.2868,
0.3393

 3.2468, 0.2324,
0.3602

 131.2507, 0.2888,
0.3385

 1.2619, 0.2021,
0.3717

164.7584, 0.2906,
0.3378

 0.1114, 0.0000,
0.3851

203.5325, 0.2921,

 0.0000, 0.0000,

0.3372

0.0000

247.9574, 0.2934,
0.3367

■ 29.2553, 0.2735,
0.3445

■ 29.2553, 0.2735,
0.3445

■ 28.3071, 0.2638,
0.3500

■ 30.3834, 0.2844,
0.3394

■ 27.5255, 0.2555,
0.3557

■ 31.6968, 0.2962,
0.3346

■ 26.9012, 0.2489,
0.3616


■ 33.2051, 0.3087,
0.3303


■ 26.4222, 0.2442,
0.3677


■ 34.9160, 0.3216,
0.3263

■ 26.0751, 0.2412,
0.3738

■ 36.8369, 0.3346,
0.3228


 25.8436, 0.2402,
0.3799

 38.9749, 0.3477,
0.3197

 25.7235, 0.2400,
0.3841

 41.3367, 0.3605,
0.3169

 43.9287, 0.3731,
0.3145

 46.7570, 0.3852,
0.3124

Harmonies

Analogous

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



29.2553, 0.3010, 0.3713



29.2553, 0.2735, 0.3445



29.2553, 0.2568, 0.3143

Triad

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



29.2553, 0.2735, 0.3445



29.2553, 0.2908, 0.2790



29.2553, 0.3746, 0.3638

Complementary

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



29.2553, 0.2735, 0.3445



18.4821, 0.3740, 0.3143

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.



29.2553, 0.3720, 0.3389



29.2553, 0.2735, 0.3445



29.2553, 0.3223, 0.2915

Square

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



29.2553, 0.2735, 0.3445



29.2553, 0.2664, 0.2782



29.2553, 0.3525, 0.3129



29.2553, 0.3598, 0.3813

Rectangle

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



29.2553, 0.2735, 0.3445



29.2553, 0.2535, 0.2973



29.2553, 0.3525, 0.3129



29.2553, 0.3757, 0.3560

Sweetspot

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



29.2565, 0.2735, 0.3445



57.5188, 0.2998, 0.3333



28.7480, 0.3172, 0.4220



12.5822, 0.2982, 0.3339



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.



29.2565, 0.2735, 0.3445



51.0649, 0.2660, 0.3486



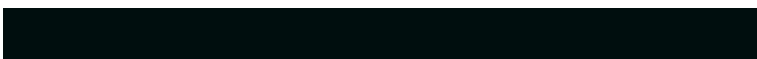
24.3483, 0.2632, 0.2999



7.4898, 0.3010, 0.3329



20.8949, 0.2399, 0.3836



0.3784, 0.2331, 0.3593

Inverse Universe

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



18.4821, 0.3740, 0.3143



28.6474, 0.3950, 0.3109



21.9737, 0.3785, 0.3562



6.6640, 0.3258, 0.3252



5.8908, 0.6101, 0.3135



0.1099, 0.5251, 0.2666

Previews

White Background



This preview shows how the Yxy color 29.2553, 0.2735, 0.3445 looks on a white background.

Color Contrast Check

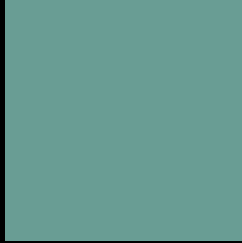
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2553, 0.2735, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

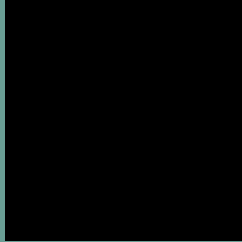
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2553, 0.2735, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 29.2553, 0.2735, 0.3445.

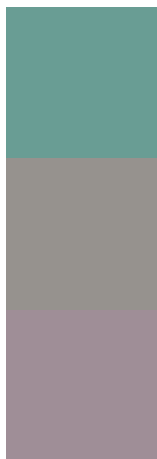


This preview shows how white text looks on a background with the Yxy color 29.2553, 0.2735, 0.3445.

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

29.2553, 0.2735, 0.3445

Protanopia

28.9948, 0.3208, 0.3354

Deuteranopia

28.9513, 0.3219, 0.3153



Tritanopia

29.1524, 0.2618, 0.3073

Trichromacy



Original Color

29.2553, 0.2735, 0.3445

Protanomaly

28.8946, 0.3022, 0.3389

Deuteranomaly

28.5584, 0.3017, 0.3241

Tritanomaly

29.1689, 0.2664, 0.3204

Monochromacy



Original Color

29.2553, 0.2735, 0.3445

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.0530, 0.2962, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2553, 0.2735, 0.3445 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(105, 157, 148)` looks like.

```
.text, #text, p{  
    color:rgb(105, 157, 148)  
}
```

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(105, 157, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 157, 148) }
```

Border

The CSS property to change the border of an element to Yxy 29.2553, 0.2735, 0.3445 is called "border". The border property can be set on classes, ids or directly on the HTML element.

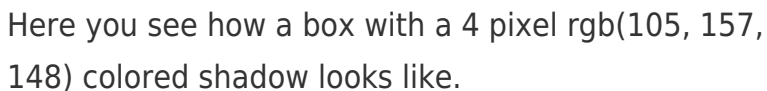
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 157, 148) }
```

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

```
.border{ border-color:rgb(105, 157, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 157, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 157, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 157, 148); box-shadow:4px 4px 4px 4px rgb(105, 157, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2553, 0.2735, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 157, 148) }
```

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

```
.background{ background-color: rgb(105,  
157, 148) }
```

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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