

Converting Colors

$Y_{xy}(28.3589, 0.2629, 0.3153)$

Have a look what the booklet for
Yxy(28.3589, 0.2629, 0.3153)
contains.

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Color

Yxy(28.3589, 0.2629, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	6999A1
RGB	105, 153, 161
RGB Percent	41%, 60%, 63%
CMY	0.5884, 0.4000, 0.3687
CMYK	0.35, 0.05, 0.00, 0.37
HSL	189°, 23%, 52%
HSV	189°, 35%, 63%
XYZ	23.6459, 28.3589, 37.9378
YIQ	139.5600, -31.1760, -7.6880

Conversions

Conversions Part 2

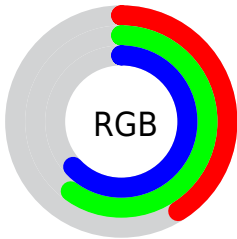
Format	Color
R_{YB}	105, 131, 161
Decimal	6920609
CIE _{Lab}	60.21, -14.03, -9.34
CIE _{LCh}	60, 16.853, 213.637
Yxy	28.3589, 0.2629, 0.3153
Android (android.graphics.Color)	4285110689 (0xFF6999A1)
YUV	139.5600, 10.5699, -30.3091
Hunter-Lab	53.2531, -13.9337, -4.9614

Details

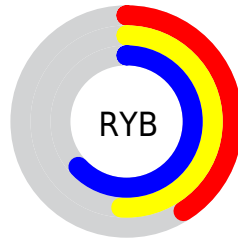
The Yxy color **28.3589, 0.2629, 0.3153** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.3923, 0.3882, 0.3421**, and the grayscale version is **26.0113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8526, 0.2726, 0.3176**, and **11.4128, 0.2458, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **26.7330, 0.2506, 0.3107**, and if you desaturate by 10%, it is **30.1859, 0.2763, 0.3196**.

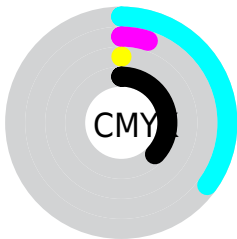
Distribution



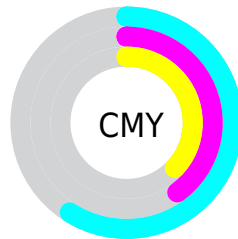
- Red (41%)
- Green (60%)
- Blue (63%)



- Red (41%)
- Yellow (51%)
- Blue (63%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (37%)





- Cyan (59%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3589, 0.2629, 0.3153 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 28.3589, 0.2629, 0.3153 by changing the saturation by 10% instead.


 28.3589, 0.2629,
0.3153


 28.3589, 0.2629,
0.3153


294.1779, 0.2895,
0.3232

 18.5964, 0.2557,
0.3129


 57.0569, 0.2730,
0.3184

 11.3790, 0.2461,
0.3096


 76.7612, 0.2766,
0.3195

 6.3224, 0.2326,
0.3047


 100.5483, 0.2797,
0.3204

 3.0421, 0.2126,
0.2967

 128.8024, 0.2822,
0.3211

 1.1537, 0.1789,
0.2819

161.9080, 0.2844,
0.3218

 0.0234, 0.0000,
0.0334

200.2496, 0.2863,

 0.0000, 0.0000,

0.3223

0.0000

244.2114, 0.2880,
0.3228

■ 28.3589, 0.2629,
0.3153

■ 28.3589, 0.2629,
0.3153

■ 26.7330, 0.2506,
0.3107

■ 30.1859, 0.2763,
0.3196

■ 25.2945, 0.2398,
0.3060

■ 32.2204, 0.2906,
0.3236

■ 24.0327, 0.2305,
0.3011

■ 34.4726, 0.3055,
0.3273

■ 22.9348, 0.2231,
0.2962

■ 36.9509, 0.3206,
0.3307

■ 21.9860, 0.2176,
0.2912

■ 39.6633, 0.3358,
0.3338

■ 21.1678, 0.2138,
0.2863

■ 42.6174, 0.3509,
0.3365

■ 20.7693, 0.2122,
0.2837

■ 45.8205, 0.3657,
0.3389

■ 49.2795, 0.3800,
0.3410

■ 53.0009, 0.3937,
0.3428

Harmonies

Analogous

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



28.3589, 0.2773, 0.3416



28.3589, 0.2629, 0.3153



28.3589, 0.2612, 0.2945

Triad

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



28.3589, 0.2629, 0.3153



28.3589, 0.3224, 0.2964



28.3589, 0.3534, 0.3755

Complementary

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



28.3589, 0.2629, 0.3153



20.3923, 0.3882, 0.3421

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.



28.3589, 0.3669, 0.3608



28.3589, 0.2629, 0.3153



28.3589, 0.3487, 0.3158

Square

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



28.3589, 0.2629, 0.3153



28.3589, 0.2945, 0.2849



28.3589, 0.3652, 0.3389



28.3589, 0.3292, 0.3777

Rectangle

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



28.3589, 0.2629, 0.3153



28.3589, 0.2673, 0.2861



28.3589, 0.3652, 0.3389



28.3589, 0.3594, 0.3717

Sweetspot

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



28.3600, 0.2629, 0.3153



59.5261, 0.2974, 0.3254



29.6652, 0.3020, 0.4165



12.9398, 0.2955, 0.3249



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



28.3600, 0.2629, 0.3153



48.4441, 0.2530, 0.3117



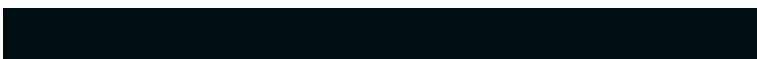
20.3704, 0.2565, 0.2658



7.8386, 0.2988, 0.3257



16.6365, 0.2123, 0.2841



0.3936, 0.2172, 0.3019

Inverse Universe

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



19.9727, 0.3263, 0.2557



31.3252, 0.3302, 0.2393



27.4813, 0.3736, 0.3848



7.1848, 0.3158, 0.3099



7.5236, 0.3597, 0.1755



0.1625, 0.3437, 0.1667

Previews

White Background



This preview shows how the Yxy color 28.3589, 0.2629, 0.3153 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 28.3589, 0.2629, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

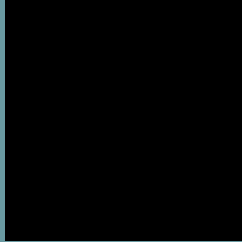
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3589, 0.2629, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 28.3589, 0.2629, 0.3153.



This preview shows how white text looks on a background with the Yxy color 28.3589, 0.2629, 0.3153.

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

28.3589, 0.2629, 0.3153

Protanopia

28.2424, 0.3022, 0.3115

Deuteranopia

28.2141, 0.2998, 0.2937



Tritanopia

28.2373, 0.2605, 0.3070

Trichromacy



Original Color

28.3589, 0.2629, 0.3153

Protanomaly

28.0476, 0.2867, 0.3126

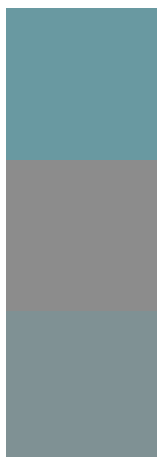
Deuteranomaly

27.9635, 0.2851, 0.3001

Tritanomaly

28.2010, 0.2612, 0.3086

Monochromacy



Original Color

28.3589, 0.2629, 0.3153

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.9009, 0.2916, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3589, 0.2629, 0.3153 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, 153, 161)` looks like.

```
.text, #text, p{  
    color:rgb(105, 153, 161)  
}
```

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, 153, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 153, 161) }
```

Border

The CSS property to change the border of an element to Yxy 28.3589, 0.2629, 0.3153 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, 153, 161) }
```

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

```
.border{ border-color:rgb(105, 153, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 153, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 153, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 153, 161);  
box-shadow:4px 4px 4px 4px rgb(105, 153,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3589, 0.2629, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 153, 161) }
```

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

```
.background{ background-color: rgb(105,  
153, 161) }
```

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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