

Converting Colors

$Y_{xy}(29.6880, 0.2645, 0.3143)$

Have a look what the booklet for
Yxy(29.6880, 0.2645, 0.3143)
contains.

Yxy(29.8085, 0.2645, 0.3140)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.8085, 0.2645, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	6E9CA5
RGB	110, 156, 165
RGB Percent	43%, 61%, 65%
CMY	0.5686, 0.3882, 0.3531
CMYK	0.33, 0.05, 0.00, 0.35
HSL	190°, 23%, 54%
HSV	190°, 33%, 65%
XYZ	25.1094, 29.8085, 40.0136
YIQ	143.2720, -30.3050, -6.9530

Conversions

Conversions Part 2

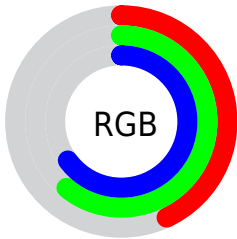
Format	Color
R_{YB}	110, 135, 165
Decimal	7249061
CIE _{Lab}	61.49, -13.18, -9.65
CIE _{LCh}	61, 16.336, 216.230
Yxy	29.8085, 0.2645, 0.3140
Android (android.graphics.Color)	4285439141 (0xFF6E9CA5)
YUV	143.2720, 10.7119, -29.1795
Hunter-Lab	54.5972, -13.4524, -5.2350

Details

The Yxy color **29.8085, 0.2645, 0.3140** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.3120, 0.3835, 0.3434**, and the grayscale version is **27.5490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5424, 0.2739, 0.3178**, and **12.2252, 0.2489, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **27.9544, 0.2518, 0.3088**, and if you desaturate by 10%, it is **31.8820, 0.2782, 0.3189**.

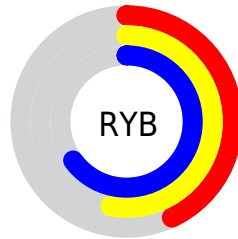
Distribution



Red (43%)

Green (61%)

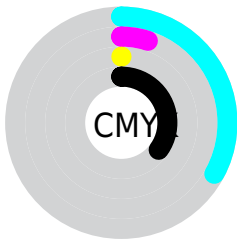
Blue (65%)



Red (43%)

Yellow (53%)

Blue (65%)

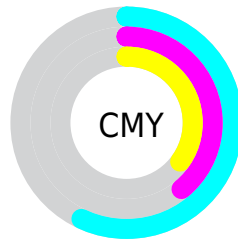


Cyan (33%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (57%)


Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8085, 0.2645, 0.3140 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 29.8085, 0.2645, 0.3140 by changing the saturation by 10% instead.


 29.8085, 0.2645,
0.3140


 29.8085, 0.2645,
0.3140


301.0108, 0.2900,
0.3225


 19.6933, 0.2577,
0.3115


 59.3592, 0.2741,
0.3173


 12.1723, 0.2486,
0.3081


 79.5635, 0.2776,
0.3185

 6.8611, 0.2359,
0.3031


 103.8995, 0.2805,
0.3195

 3.3754, 0.2172,
0.2950

 132.7518, 0.2830,
0.3203

 1.3307, 0.1871,
0.2804

166.5047, 0.2851,
0.3209

 0.1648, 0.0000,
0.1617

205.5425, 0.2870,

 0.0000, 0.0000,

0.3215

0.0000

250.2498, 0.2886,
0.3220

■ 29.8085, 0.2645,
0.3140

■ 29.8085, 0.2645,
0.3140

■ 27.9544, 0.2518,
0.3088

■ 31.8820, 0.2782,
0.3189

■ 26.3051, 0.2405,
0.3033

■ 34.1816, 0.2927,
0.3235

■ 24.8496, 0.2308,
0.2977

■ 36.7180, 0.3077,
0.3277

■ 23.5744, 0.2228,
0.2919

■ 39.5001, 0.3229,
0.3315

■ 22.4639, 0.2167,
0.2862

■ 42.5365, 0.3380,
0.3349

■ 21.4996, 0.2124,
0.2805

■ 45.8352, 0.3530,
0.3380

■ 20.9071, 0.2102,
0.2766

■ 49.4038, 0.3675,
0.3407

■ 53.2498, 0.3816,
0.3431

■ 56.7122, 0.3921,
0.3453

Harmonies

Analogous

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



29.8085, 0.2773, 0.3388



29.8085, 0.2645, 0.3140



29.8085, 0.2640, 0.2948

Triad

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



29.8085, 0.2645, 0.3140



29.8085, 0.3243, 0.2992



29.8085, 0.3499, 0.3740

Complementary

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



29.8085, 0.2645, 0.3140



22.3120, 0.3835, 0.3434

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.



29.8085, 0.3638, 0.3609



29.8085, 0.2645, 0.3140



29.8085, 0.3488, 0.3183

Square

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



29.8085, 0.2645, 0.3140



29.8085, 0.2976, 0.2874



29.8085, 0.3635, 0.3405



29.8085, 0.3263, 0.3748

Rectangle

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



29.8085, 0.2645, 0.3140



29.8085, 0.2706, 0.2874



29.8085, 0.3635, 0.3405



29.8085, 0.3559, 0.3708

Sweetspot

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



29.8097, 0.2645, 0.3140



62.6157, 0.2974, 0.3248



31.5302, 0.3017, 0.4106



13.5602, 0.2954, 0.3243



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



29.8097, 0.2645, 0.3140



50.9046, 0.2550, 0.3102



21.7979, 0.2587, 0.2672



7.8135, 0.2988, 0.3252



15.8837, 0.2103, 0.2772



0.3831, 0.2161, 0.2978

Inverse Universe

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



21.5518, 0.3271, 0.2602



34.0809, 0.3310, 0.2451



29.5992, 0.3704, 0.3838



7.1822, 0.3161, 0.3104



7.4476, 0.3660, 0.1790



0.1615, 0.3473, 0.1687

Previews

White Background



This preview shows how the Yxy color 29.8085, 0.2645, 0.3140 looks on a white background.

Color Contrast Check

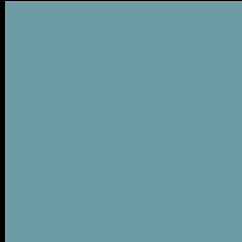
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8085, 0.2645, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

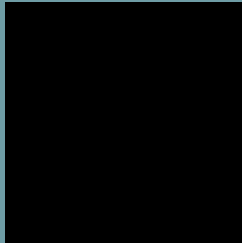
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8085, 0.2645, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 29.8085, 0.2645, 0.3140.



This preview shows how white text looks on a background with the Yxy color 29.8085, 0.2645, 0.3140.

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

29.8085, 0.2645, 0.3140

Protanopia

29.5737, 0.3014, 0.3103

Deuteranopia

29.5088, 0.3001, 0.2943



Tritanopia

29.9836, 0.2631, 0.3092

Trichromacy



Original Color

29.8085, 0.2645, 0.3140

Protanomaly

29.4542, 0.2872, 0.3114

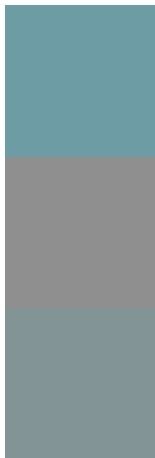
Deuteranomaly

29.2513, 0.2856, 0.3006

Tritanomaly

29.9465, 0.2638, 0.3108

Monochromacy



Original Color

29.8085, 0.2645, 0.3140

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.2395, 0.2930, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8085, 0.2645, 0.3140 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(110, 156, 165)` looks like.

```
.text, #text, p{  
    color:rgb(110, 156, 165)  
}
```

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(110, 156, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 156, 165) }
```

Border

The CSS property to change the border of an element to Yxy 29.8085, 0.2645, 0.3140 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(110, 156, 165) }
```

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

```
.border{ border-color:rgb(110, 156, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 156, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 156, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 156, 165);  
box-shadow:4px 4px 4px 4px rgb(110, 156,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8085, 0.2645, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 156, 165) }
```

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

```
.background{ background-color: rgb(110,  
156, 165) }
```

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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