

Converting Colors

Yxy(69.1704, 0.2859, 0.3014)

Have a look what the booklet for
Yxy(69.1704, 0.2859, 0.3014)
contains.

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Color

Yxy(69.1704, 0.2859, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	CADAF3
RGB	202, 218, 243
RGB Percent	79%, 85%, 95%
CMY	0.2078, 0.1451, 0.0469
CMYK	0.17, 0.10, 0.00, 0.05
HSL	217°, 63%, 87%
HSV	217°, 17%, 95%
XYZ	65.6132, 69.1704, 94.7134
YIQ	216.0660, -17.5610, 4.3830

Conversions

Conversions Part 2

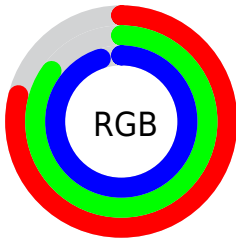
Format	Color
R _Y B	202, 214, 243
Decimal	13294323
CIE Lab	86.59, -0.29, -14.04
CIE LCh	87, 14.045, 268.799
Yxy	69.1704, 0.2859, 0.3014
Android (android.graphics.Color)	4291484403 (0xFFCADAF3)
YUV	216.0660, 13.2785, -12.3359
Hunter-Lab	83.1687, -4.7237, -9.3019

Details

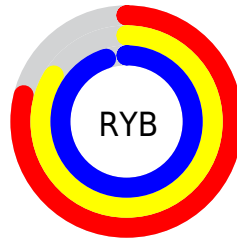
The Yxy color **69.1704, 0.2859, 0.3014** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.2944, 0.3408, 0.3551**, and the grayscale version is **68.6378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0781, 0.2798, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **58.6924, 0.2689, 0.2825**, and if you desaturate by 10%, it is **80.8767, 0.3021, 0.3184**.

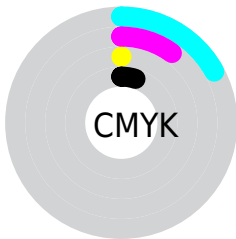
Distribution



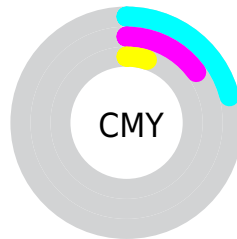
- Red (79%)
- Green (85%)
- Blue (95%)



- Red (79%)
- Yellow (84%)
- Blue (95%)



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (21%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.1704, 0.2859, 0.3014 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 69.1704, 0.2859, 0.3014 by changing the saturation by 10% instead.

■ 69.1704, 0.2859,
0.3014

■ 69.1704, 0.2859,
0.3014

457.6317, 0.2984,
0.3142

■ 50.8505, 0.2830,
0.2985

118.0249, 0.2902,
0.3059

■ 36.0896, 0.2795,
0.2948

149.3283, 0.2919,
0.3076

■ 24.5034, 0.2751,
0.2902

185.7284, 0.2934,
0.3091

■ 15.7075, 0.2692,
0.2842

227.6094, 0.2946,
0.3104

■ 9.3174, 0.2613,
0.2759

275.3559, 0.2957,
0.3115

■ 4.9488, 0.2498,
0.2641

329.3522, 0.2967,

■ 2.2172, 0.2320,

0.3125

0.2457

389.9827, 0.2976,
0.3134

0.7294, 0.1994,
0.2120

0.0000, 0.0000,
0.0000

69.1704, 0.2859,
0.3014

69.1704, 0.2859,
0.3014

58.6924, 0.2689,
0.2825

80.8767, 0.3021,
0.3184

49.3913, 0.2515,
0.2618

93.8433, 0.3174,
0.3335

41.2243, 0.2340,
0.2394

99.2532, 0.3197,
0.3405

34.1423, 0.2171,
0.2160

■ 28.0924, 0.2016,
0.1921

■ 23.0159, 0.1879,
0.1685

■ 18.8467, 0.1769,
0.1462

■ 15.5053, 0.1689,
0.1261

■ 14.6001, 0.1667,
0.1202

Harmonies

Analogous

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



69.1704, 0.2799, 0.3096



69.1704, 0.2859, 0.3014



69.1704, 0.2990, 0.3006

Triad

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



69.1704, 0.2859, 0.3014



69.1704, 0.3439, 0.3333



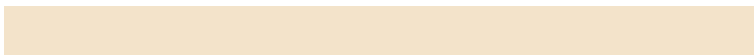
69.1704, 0.3087, 0.3527

Complementary

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



69.1704, 0.2859, 0.3014



78.2944, 0.3408, 0.3551

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.



69.1704, 0.3259, 0.3591



69.1704, 0.2859, 0.3014



69.1704, 0.3466, 0.3472

Square

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



69.1704, 0.2859, 0.3014



69.1704, 0.3327, 0.3187



69.1704, 0.3399, 0.3569



69.1704, 0.2928, 0.3394

Rectangle

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



69.1704, 0.2859, 0.3014



69.1704, 0.3102, 0.3040



69.1704, 0.3399, 0.3569



69.1704, 0.3145, 0.3558

Sweetspot

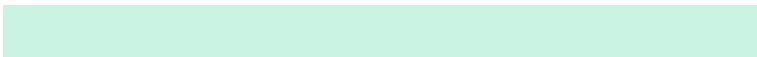
The Sweet Spot groups the original color and five complimentary colors.



69.1733, 0.2859, 0.3014



92.7959, 0.3050, 0.3214



82.2064, 0.2963, 0.3468



19.6516, 0.3039, 0.3203



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



69.1733, 0.2859, 0.3014



73.2980, 0.2806, 0.2956



61.8612, 0.2879, 0.2836



16.9855, 0.2980, 0.3142



8.2538, 0.1676, 0.1231



0.9189, 0.1744, 0.1479

Inverse Universe

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



66.3719, 0.3329, 0.3123



69.8204, 0.3375, 0.3090



86.7261, 0.3353, 0.3714



16.5894, 0.3232, 0.3198



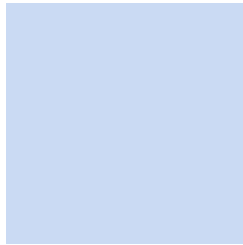
10.9326, 0.5422, 0.2760



0.9804, 0.5086, 0.2576

Previews

White Background



This preview shows how the Yxy color 69.1704, 0.2859, 0.3014 looks on a white background.

Color Contrast Check

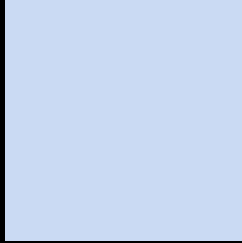
Large Text (above 18pt) WCAG AA × Fail

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 69.1704, 0.2859, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

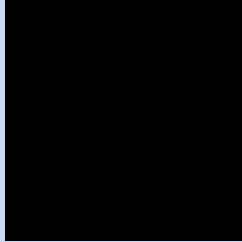
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

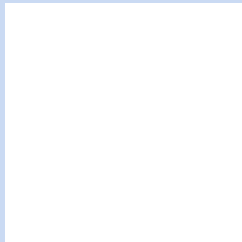
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1704, 0.2859, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 69.1704, 0.2859, 0.3014.



This preview shows how white text looks on a background with the Yxy color 69.1704, 0.2859, 0.3014.

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

69.1704, 0.2859, 0.3014

Protanopia

69.0979, 0.2944, 0.3008

Deuteranopia

68.9675, 0.3000, 0.2941



Tritanopia

69.1367, 0.2895, 0.3100

Trichromacy



Original Color

69.1704, 0.2859, 0.3014

Protanomaly

69.0778, 0.2911, 0.3006

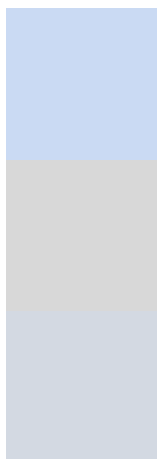
Deuteranomaly

69.2237, 0.2945, 0.2968

Tritanomaly

69.3125, 0.2877, 0.3068

Monochromacy



Original Color

69.1704, 0.2859, 0.3014

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.9656, 0.3025, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1704, 0.2859, 0.3014 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(202, 218, 243)` looks like.

```
.text, #text, p{  
    color:rgb(202, 218, 243)  
}
```

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(202, 218, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 218, 243) }
```

Border

The CSS property to change the border of an element to Yxy 69.1704, 0.2859, 0.3014 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(202, 218, 243) }
```

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

```
.border{ border-color:rgb(202, 218, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 218, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 218, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 218, 243);  
box-shadow:4px 4px 4px 4px rgb(202, 218,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1704, 0.2859, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 218, 243) }
```

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

```
.background{ background-color: rgb(202,  
218, 243) }
```

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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