

Converting Colors

$Yxy(65.1572, 0.2994, 0.3238)$

Have a look what the booklet for
Yxy(65.1572, 0.2994, 0.3238)
contains.

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Color

Yxy(65.2972, 0.2993, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	C7D6DA
RGB	199, 214, 218
RGB Percent	78%, 84%, 85%
CMY	0.2198, 0.1607, 0.1452
CMYK	0.09, 0.02, 0.00, 0.15
HSL	193°, 20%, 82%
HSV	193°, 9%, 85%
XYZ	60.2449, 65.2972, 75.7439
YIQ	209.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

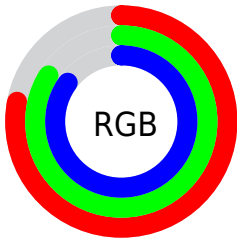
Format	Color
R _Y B	199, 207, 218
Decimal	13096666
CIE Lab	84.64, -4.28, -3.70
CIE LCh	85, 5.656, 220.860
Yxy	65.2972, 0.2993, 0.3244
Android (android.graphics.Color)	4291286746 (0xFFC7D6DA)
YUV	209.9710, 3.9583, -9.6216
Hunter-Lab	80.8067, -8.3321, 0.9893

Details

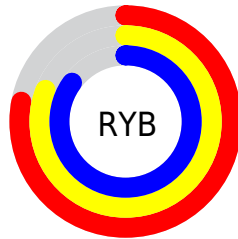
The Yxy color **65.2972, 0.2993, 0.3244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7017, 0.3273, 0.3336**, and the grayscale version is **64.4046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.4604, 0.2961, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **60.2614, 0.2842, 0.3186**, and if you desaturate by 10%, it is **70.8297, 0.3147, 0.3296**.

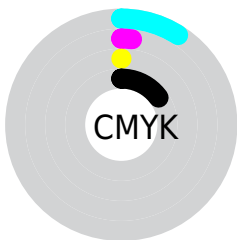
Distribution



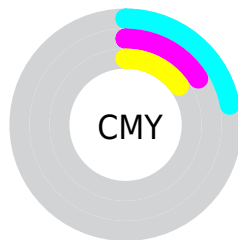
- Red (78%)
- Green (84%)
- Blue (85%)



- Red (78%)
- Yellow (81%)
- Blue (85%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2972, 0.2993, 0.3244 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 65.2972, 0.2993, 0.3244 by changing the saturation by 10% instead.

■ 65.2972, 0.2993,
0.3244

■ 65.2972, 0.2993,
0.3244

443.8592, 0.3056,
0.3266

■ 47.7021, 0.2978,
0.3239

112.4770, 0.3015,
0.3252

■ 33.5910, 0.2960,
0.3232

142.8306, 0.3024,
0.3255

■ 22.5796, 0.2937,
0.3224

178.2057, 0.3031,
0.3257

■ 14.2834, 0.2906,
0.3212

218.9868, 0.3037,
0.3260

■ 8.3180, 0.2863,
0.3196

265.5583, 0.3043,
0.3262

■ 4.2991, 0.2799,
0.3171

318.3047, 0.3048,

■ 1.8423, 0.2695,

0.3263

0.3130

377.6101, 0.3052,
0.3265

0.5133, 0.2237,
0.2994

0.0000, 0.0000,
0.0000

65.2972, 0.2993,
0.3244

65.2972, 0.2993,
0.3244

60.2614, 0.2842,
0.3186

70.8297, 0.3147,
0.3296

55.6955, 0.2695,
0.3124

76.8681, 0.3300,
0.3344

51.5824, 0.2558,
0.3057

81.6136, 0.3384,
0.3388

47.9005, 0.2432,
0.2986

84.1412, 0.3378,
0.3432

■ 44.6265, 0.2321,
0.2912

■ 86.7349, 0.3371,
0.3477

■ 41.7344, 0.2227,
0.2836

■ 89.3952, 0.3365,
0.3521

■ 39.1947, 0.2152,
0.2760

■ 92.1226, 0.3358,
0.3565

■ 36.9728, 0.2097,
0.2683

■ 94.9177, 0.3352,
0.3608

■ 35.0155, 0.2059,
0.2607

■ 97.7808, 0.3346,
0.3650

Harmonies

Analogous

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



65.2972, 0.3024, 0.3307



65.2972, 0.2993, 0.3244



65.2972, 0.2997, 0.3194

Triad

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



65.2972, 0.2993, 0.3244



65.2972, 0.3170, 0.3215



65.2972, 0.3219, 0.3412

Complementary

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



65.2972, 0.2993, 0.3244



61.7017, 0.3273, 0.3336

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.



65.2972, 0.3259, 0.3385



65.2972, 0.2993, 0.3244



65.2972, 0.3231, 0.3272

Square

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



65.2972, 0.2993, 0.3244



65.2972, 0.3099, 0.3178



65.2972, 0.3263, 0.3334



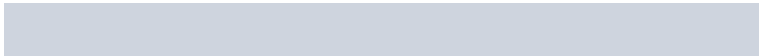
65.2972, 0.3154, 0.3405

Rectangle

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



65.2972, 0.2993, 0.3244



65.2972, 0.3019, 0.3175



65.2972, 0.3263, 0.3334



65.2972, 0.3236, 0.3406

Sweetspot

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



65.2999, 0.2993, 0.3244



97.5648, 0.3081, 0.3275



66.5707, 0.3092, 0.3467



20.7459, 0.3068, 0.3270



0.0000, 0.0000, 0.0000



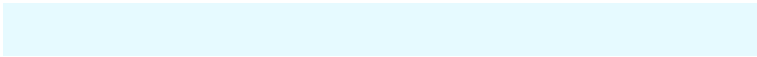
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2999, 0.2993, 0.3244



92.1362, 0.2972, 0.3236



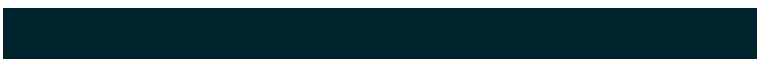
60.7023, 0.2993, 0.3135



14.3447, 0.2982, 0.3240



20.9980, 0.2058, 0.2609



1.4785, 0.2092, 0.2732

Inverse Universe

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



60.5884, 0.3166, 0.3121



84.4581, 0.3172, 0.3094



66.2492, 0.3263, 0.3440



13.2259, 0.3169, 0.3107



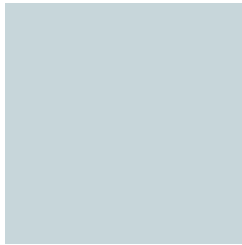
10.7435, 0.3815, 0.1875



0.7079, 0.3698, 0.1811

Previews

White Background



This preview shows how the Yxy color 65.2972, 0.2993, 0.3244 looks on a white background.

Color Contrast Check

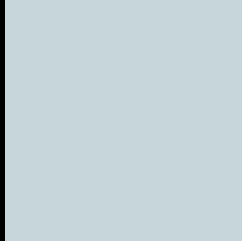
Large Text (above 18pt) WCAG AA × Fail

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 65.2972, 0.2993, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

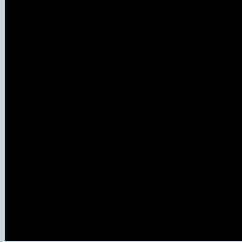
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

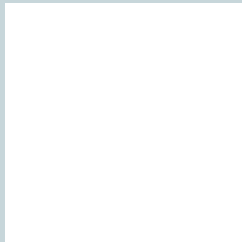
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2972, 0.2993, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 65.2972, 0.2993, 0.3244.



This preview shows how white text looks on a background with the Yxy color 65.2972, 0.2993, 0.3244.

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

65.2972, 0.2993, 0.3244

Protanopia

65.1972, 0.3108, 0.3223

Deuteranopia

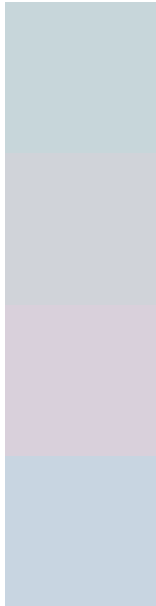
65.1608, 0.3188, 0.3127



Tritanopia

65.1616, 0.2936, 0.3097

Trichromacy



Original Color

65.2972, 0.2993, 0.3244

Protanomaly

65.0082, 0.3064, 0.3222

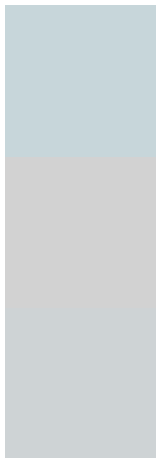
Deuteranomaly

64.9779, 0.3118, 0.3168

Tritanomaly

65.3041, 0.2955, 0.3153

Monochromacy



Original Color

65.2972, 0.2993, 0.3244

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5144, 0.3077, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2972, 0.2993, 0.3244 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(199, 214, 218)` looks like.

```
.text, #text, p{  
    color:rgb(199, 214, 218)  
}
```

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(199, 214, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 214, 218) }
```

Border

The CSS property to change the border of an element to Yxy 65.2972, 0.2993, 0.3244 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(199, 214, 218) }
```

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

```
.border{ border-color:rgb(199, 214, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 214, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 214, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 214, 218);  
box-shadow:4px 4px 4px 4px rgb(199, 214,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2972, 0.2993, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 214, 218) }
```

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

```
.background{ background-color: rgb(199,  
214, 218) }
```

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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