

Converting Colors

$Yxy(71.8576, 0.2994, 0.3158)$

Have a look what the booklet for
Yxy(71.8576, 0.2994, 0.3158)
contains.

Yxy(71.7422, 0.2994, 0.3159)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.7422, 0.2994, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	D5DDE9
RGB	213, 221, 233
RGB Percent	84%, 87%, 91%
CMY	0.1649, 0.1333, 0.0862
CMYK	0.09, 0.05, 0.00, 0.09
HSL	216°, 31%, 87%
HSV	216°, 9%, 91%
XYZ	67.9950, 71.7422, 87.3670
YIQ	219.9760, -8.6200, 2.0360

Conversions

Conversions Part 2

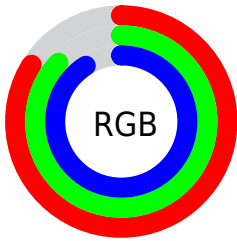
Format	Color
R _Y B	213, 219, 233
Decimal	14015977
CIE Lab	87.84, -0.42, -6.81
CIE LCh	88, 6.820, 266.431
Yxy	71.7422, 0.2994, 0.3159
Android (android.graphics.Color)	4292206057 (0xFFD5DDE9)
YUV	219.9760, 6.4208, -6.1180
Hunter-Lab	84.7008, -4.9324, -1.8658

Details

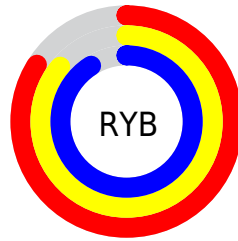
The Yxy color **71.7422, 0.2994, 0.3159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.9491, 0.3264, 0.3418**, and the grayscale version is **71.5085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7159, 0.2963, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **61.4542, 0.2831, 0.2990**, and if you desaturate by 10%, it is **83.1472, 0.3148, 0.3310**.

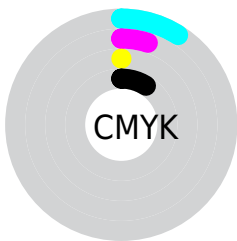
Distribution



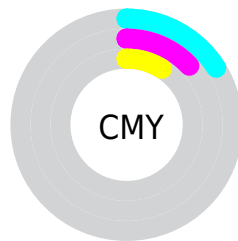
- Red (84%)
- Green (87%)
- Blue (91%)



- Red (84%)
- Yellow (86%)
- Blue (91%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7422, 0.2994, 0.3159 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 71.7422, 0.2994, 0.3159 by changing the saturation by 10% instead.

■ 71.7422, 0.2994,
0.3159

■ 71.7422, 0.2994,
0.3159

466.6438, 0.3056,
0.3220

■ 52.9481, 0.2980,
0.3145

121.6899, 0.3015,
0.3180

■ 37.7613, 0.2962,
0.3128

153.6124, 0.3024,
0.3188

■ 25.7975, 0.2940,
0.3106

190.6797, 0.3031,
0.3195

■ 16.6722, 0.2911,
0.3077

233.2764, 0.3037,
0.3202

■ 10.0011, 0.2872,
0.3038

281.7867, 0.3043,
0.3207

■ 5.3997, 0.2815,
0.2981

336.5951, 0.3047,

■ 2.4836, 0.2725,

0.3212

0.2892

398.0860, 0.3052,
0.3216

0.8684, 0.2562,
0.2730

0.0000, 0.0000,
0.0000

71.7422, 0.2994,
0.3159

71.7422, 0.2994,
0.3159

61.4542, 0.2831,
0.2990

83.1472, 0.3148,
0.3310

52.2382, 0.2661,
0.2802

94.8212, 0.3262,
0.3444

44.0591, 0.2488,
0.2597

98.6642, 0.3256,
0.3503

36.8763, 0.2316,
0.2377

■ 30.6463, 0.2151,
0.2147

■ 25.3217, 0.2000,
0.1913

■ 20.8499, 0.1869,
0.1683

■ 17.1714, 0.1765,
0.1465

■ 14.2062, 0.1688,
0.1269

Harmonies

Analogous

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



71.7422, 0.2968, 0.3203



71.7422, 0.2994, 0.3159



71.7422, 0.3056, 0.3151

Triad

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



71.7422, 0.2994, 0.3159



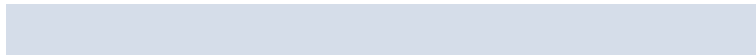
71.7422, 0.3273, 0.3307



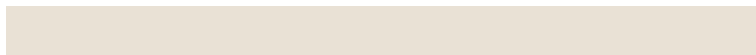
71.7422, 0.3115, 0.3406

Complementary

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



71.7422, 0.2994, 0.3159



75.9491, 0.3264, 0.3418

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.



71.7422, 0.3198, 0.3434



71.7422, 0.2994, 0.3159



71.7422, 0.3289, 0.3375

Square

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



71.7422, 0.2994, 0.3159



71.7422, 0.3217, 0.3235



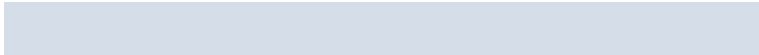
71.7422, 0.3262, 0.3422



71.7422, 0.3037, 0.3346

Rectangle

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



71.7422, 0.2994, 0.3159



71.7422, 0.3109, 0.3165



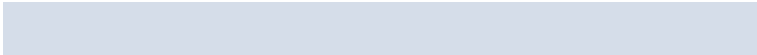
71.7422, 0.3262, 0.3422



71.7422, 0.3143, 0.3419

Sweetspot

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



71.7452, 0.2994, 0.3159



95.6945, 0.3081, 0.3246



77.8435, 0.3045, 0.3380



20.2408, 0.3069, 0.3234



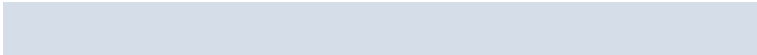
0.0000, 0.0000, 0.0000



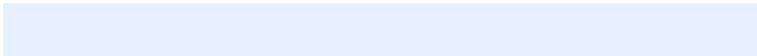
21.4041, 0.3127, 0.3290

Same Dimension

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



71.7452, 0.2994, 0.3159



86.1367, 0.2971, 0.3136



67.8354, 0.3006, 0.3070



15.5433, 0.2980, 0.3145



8.0789, 0.1687, 0.1272



0.8184, 0.1763, 0.1545

Inverse Universe

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



70.1098, 0.3220, 0.3204



83.8525, 0.3237, 0.3190



80.1358, 0.3243, 0.3502



15.1544, 0.3230, 0.3196



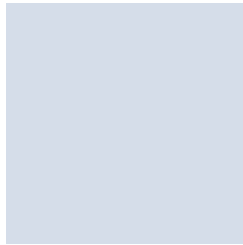
10.3084, 0.5366, 0.2730



0.8280, 0.5000, 0.2528

Previews

White Background



This preview shows how the Yxy color 71.7422, 0.2994, 0.3159 looks on a white background.

Color Contrast Check

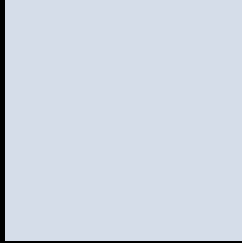
Large Text (above 18pt) WCAG AA × Fail

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 71.7422, 0.2994, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

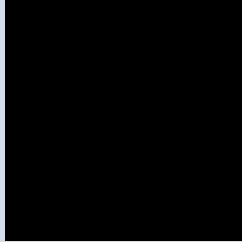
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

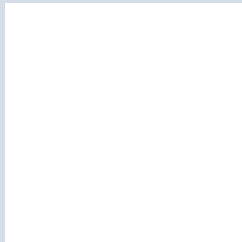
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7422, 0.2994, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 71.7422, 0.2994, 0.3159.

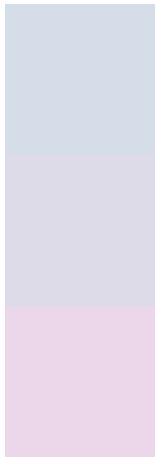


This preview shows how white text looks on a background with the Yxy color 71.7422, 0.2994, 0.3159.

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

71.7422, 0.2994, 0.3159

Protanopia

71.8614, 0.3056, 0.3150

Deuteranopia

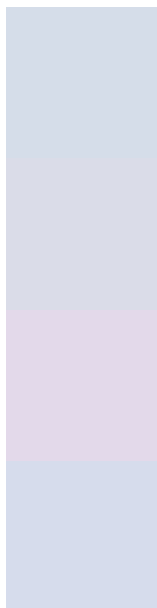
71.6958, 0.3144, 0.3081



Tritanopia

71.6556, 0.2970, 0.3095

Trichromacy



Original Color

71.7422, 0.2994, 0.3159

Protanomaly

71.9180, 0.3035, 0.3160

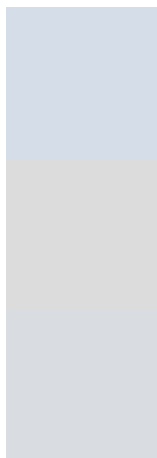
Deuteranomaly

71.8971, 0.3086, 0.3110

Tritanomaly

71.5387, 0.2982, 0.3116

Monochromacy



Original Color

71.7422, 0.2994, 0.3159

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.3744, 0.3073, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7422, 0.2994, 0.3159 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(213, 221, 233)` looks like.

```
.text, #text, p{  
    color:rgb(213, 221, 233)  
}
```

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(213, 221, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 221, 233) }
```

Border

The CSS property to change the border of an element to Yxy 71.7422, 0.2994, 0.3159 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(213, 221, 233) }
```

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

```
.border{ border-color:rgb(213, 221, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 221, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 221, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 221, 233);  
box-shadow:4px 4px 4px 4px rgb(213, 221,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7422, 0.2994, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 221, 233) }
```

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

```
.background{ background-color: rgb(213,  
221, 233) }
```

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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