

Converting Colors

$Yxy(72.4074, 0.3112, 0.3286)$

Have a look what the booklet for
Yxy(72.4074, 0.3112, 0.3286)
contains.

Yxy(72.2025, 0.3114, 0.3279)	3
Conversions	4
Details	6
Harmonies	12
Previews	23
Color Blindness Simulation	26
CSS Examples	29

Color

Yxy(72.2025, 0.3114, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	DCDDDE
RGB	220, 221, 222
RGB Percent	86%, 87%, 87%
CMY	0.1370, 0.1334, 0.1294
CMYK	0.01, 0.00, 0.00, 0.13
HSL	211°, 3%, 87%
HSV	211°, 1%, 87%
XYZ	68.5693, 72.2025, 79.4250
YIQ	220.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

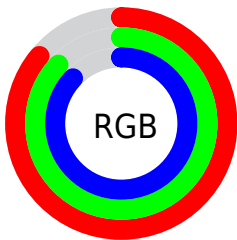
Format	Color
R _Y B	220, 221, 222
Decimal	14474718
CIE Lab	88.07, -0.12, -0.61
CIE LCh	88, 0.626, 258.536
Yxy	72.2025, 0.3114, 0.3279
Android (android.graphics.Color)	4292664798 (0xFFDCDDDE)
YUV	220.8150, 0.5842, -0.7148
Hunter-Lab	84.9721, -4.6583, 4.0610

Details

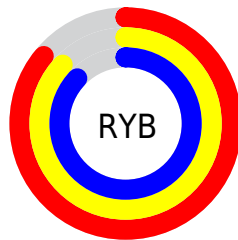
The Yxy color **72.2025, 0.3114, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4482, 0.3140, 0.3301**, and the grayscale version is **72.1734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0618, 0.3109, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **63.0729, 0.2959, 0.3145**, and if you desaturate by 10%, it is **82.2185, 0.3261, 0.3398**.

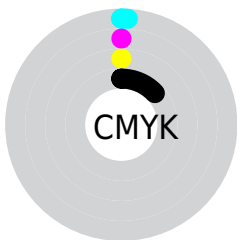
Distribution



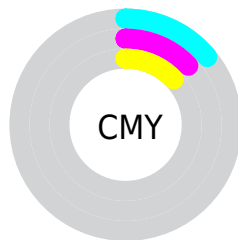
- Red (86%)
- Green (87%)
- Blue (87%)



- Red (86%)
- Yellow (87%)
- Blue (87%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2025, 0.3114, 0.3279 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 72.2025, 0.3114, 0.3279 by changing the saturation by 10% instead.

■ 72.2025, 0.3114,
0.3279

■ 72.2025, 0.3114,
0.3279

468.2461, 0.3120,
0.3284

■ 53.3241, 0.3113,
0.3278

122.3444, 0.3116,
0.3281

■ 38.0616, 0.3111,
0.3276

154.3767, 0.3117,
0.3282

■ 26.0305, 0.3109,
0.3274

191.5624, 0.3118,
0.3282

■ 16.8464, 0.3106,
0.3272

234.2859, 0.3118,
0.3283

■ 10.1251, 0.3102,
0.3269

282.9317, 0.3119,
0.3283

■ 5.4820, 0.3096,
0.3264

337.8840, 0.3119,

■ 2.5327, 0.3087,

0.3284

0.3256

399.5274, 0.3120,
0.3284

0.8930, 0.3070,
0.3242

0.0000, 0.0000,
0.0000

72.2025, 0.3114,
0.3279

72.2025, 0.3114,
0.3279

63.0729, 0.2959,
0.3145

82.2185, 0.3261,
0.3398

54.7941, 0.2797,
0.2995

91.2980, 0.3335,
0.3508

47.3413, 0.2632,
0.2830

98.0536, 0.3322,
0.3611

40.6849, 0.2467,
0.2650

■ 34.7935, 0.2306,
0.2458

■ 29.6329, 0.2154,
0.2258

■ 25.1659, 0.2018,
0.2053

■ 21.3509, 0.1902,
0.1851

■ 18.1395, 0.1811,
0.1656

Harmonies

Analogous

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



72.2025, 0.3113, 0.3284



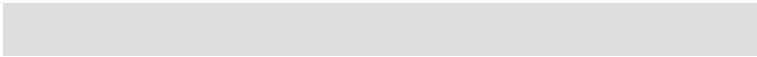
72.2025, 0.3114, 0.3279



72.2025, 0.3119, 0.3277

Triad

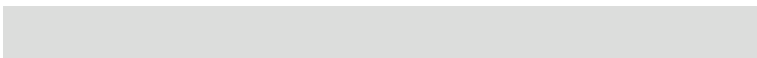
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.2025, 0.3114, 0.3279



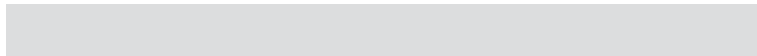
72.2025, 0.3140, 0.3290



72.2025, 0.3128, 0.3302

Complementary

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



72.2025, 0.3114, 0.3279



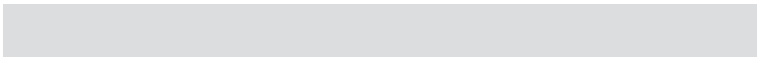
72.4482, 0.3140, 0.3301

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.



72.2025, 0.3136, 0.3303



72.2025, 0.3114, 0.3279



72.2025, 0.3142, 0.3297

Square

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



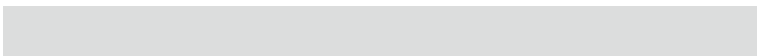
72.2025, 0.3114, 0.3279



72.2025, 0.3134, 0.3284



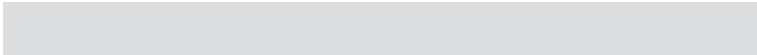
72.2025, 0.3141, 0.3301



72.2025, 0.3121, 0.3297

Rectangle

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



72.2025, 0.3114, 0.3279



72.2025, 0.3124, 0.3278



72.2025, 0.3141, 0.3301



72.2025, 0.3131, 0.3303

Sweetspot

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



72.2056, 0.3114, 0.3279

100.0000, 0.3127, 0.3290



72.6887, 0.3120, 0.3300



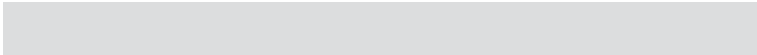
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



72.2056, 0.3114, 0.3279



98.6754, 0.3112, 0.3277



71.7227, 0.3115, 0.3269



16.0626, 0.3113, 0.3278



9.5264, 0.1754, 0.1515



0.8389, 0.1834, 0.1802

Inverse Universe

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



71.9673, 0.3135, 0.3280



98.2986, 0.3136, 0.3278



72.9340, 0.3140, 0.3311



16.0051, 0.3135, 0.3279



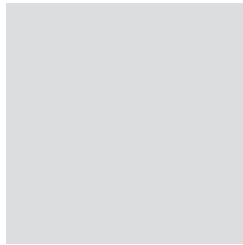
9.8697, 0.5039, 0.2550



0.7021, 0.4683, 0.2353

Previews

White Background



This preview shows how the Yxy color 72.2025, 0.3114, 0.3279 looks on a white background.

Color Contrast Check

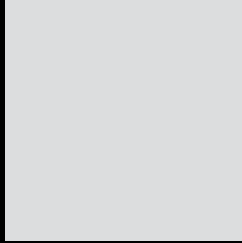
Large Text (above 18pt) WCAG AA × Fail

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 72.2025, 0.3114, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

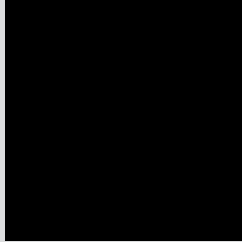
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

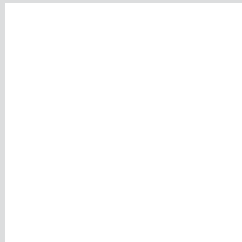
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.2025, 0.3114, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 72.2025, 0.3114, 0.3279.

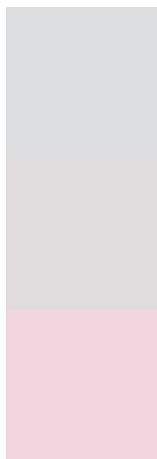


This preview shows how white text looks on a background with the Yxy color 72.2025, 0.3114, 0.3279.

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

72.2025, 0.3114, 0.3279

Protanopia

72.2542, 0.3149, 0.3279

Deuteranopia

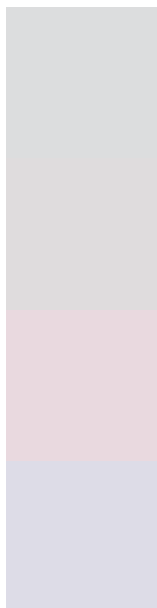
72.1216, 0.3264, 0.3197



Tritanopia

72.2488, 0.3037, 0.3108

Trichromacy



Original Color

72.2025, 0.3114, 0.3279

Protanomaly

72.0948, 0.3142, 0.3279

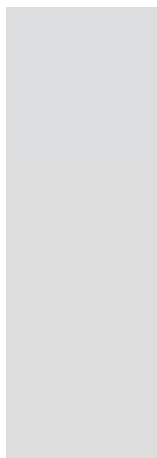
Deuteranomaly

72.2771, 0.3203, 0.3227

Tritanomaly

72.3281, 0.3062, 0.3172

Monochromacy



Original Color

72.2025, 0.3114, 0.3279

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.3055, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2025, 0.3114, 0.3279 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(220, 221, 222)` looks like.

```
.text, #text, p{  
    color:rgb(220, 221, 222)  
}
```

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(220, 221, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 221, 222) }
```

Border

The CSS property to change the border of an element to Yxy 72.2025, 0.3114, 0.3279 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(220, 221, 222) }
```

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

```
.border{ border-color:rgb(220, 221, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 221, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 221, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 221, 222);  
box-shadow:4px 4px 4px 4px rgb(220, 221,  
222) }
```

Background

The CSS property to change the background color of an element to Yxy 72.2025, 0.3114, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 221, 222) }
```

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

```
.background{ background-color: rgb(220,  
221, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor