

Converting Colors

Yxy(71.9846, 0.3040, 0.3264)

Have a look what the booklet for
Yxy(71.9846, 0.3040, 0.3264)
contains.

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Color

Yxy(72.2086, 0.3038, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	D4DFE1
RGB	212, 223, 225
RGB Percent	83%, 87%, 88%
CMY	0.1686, 0.1255, 0.1177
CMYK	0.06, 0.01, 0.00, 0.12
HSL	189°, 18%, 86%
HSV	189°, 6%, 88%
XYZ	67.1266, 72.2086, 81.6213
YIQ	219.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

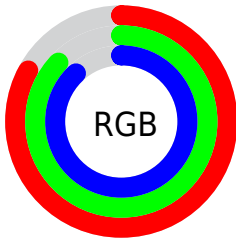
Format	Color
RYB	212, 218, 225
Decimal	13950945
CIELab	88.07, -3.30, -2.25
CIElCh	88, 3.999, 214.283
Yxy	72.2086, 0.3038, 0.3268
Android (android.graphics.Color)	4292141025 (0xFFD4DFE1)
YUV	219.9390, 2.4951, -6.9625
Hunter-Lab	84.9756, -7.7011, 2.5333

Details

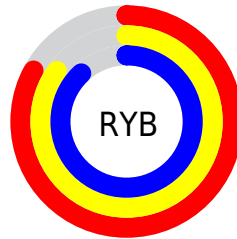
The Yxy color **72.2086, 0.3038, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8374, 0.3222, 0.3312**, and the grayscale version is **71.5122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0756, 0.3011, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **67.2871, 0.2886, 0.3227**, and if you desaturate by 10%, it is **77.6390, 0.3193, 0.3305**.

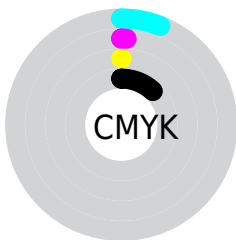
Distribution



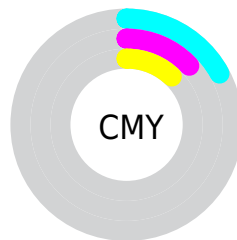
- Red (83%)
- Green (87%)
- Blue (88%)



- Red (83%)
- Yellow (85%)
- Blue (88%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2086, 0.3038, 0.3268 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 72.2086, 0.3038, 0.3268 by changing the saturation by 10% instead.

■ 72.2086, 0.3038,
0.3268

■ 72.2086, 0.3038,
0.3268

468.2673, 0.3079,
0.3278

■ 53.3291, 0.3029,
0.3266

122.3531, 0.3052,
0.3272

■ 38.0656, 0.3017,
0.3263

154.3868, 0.3058,
0.3273

■ 26.0336, 0.3002,
0.3259

191.5741, 0.3063,
0.3274

■ 16.8488, 0.2983,
0.3254

234.2993, 0.3067,
0.3275

■ 10.1267, 0.2956,
0.3246

282.9468, 0.3071,
0.3276

■ 5.4831, 0.2918,
0.3236

337.9011, 0.3074,

■ 2.5334, 0.2858,

0.3277

0.3219

399.5465, 0.3077,
0.3278

0.8933, 0.2743,
0.3189

0.0000, 0.0000,
0.0000

72.2086, 0.3038,
0.3268

72.2086, 0.3038,
0.3268

67.2871, 0.2886,
0.3227

77.6390, 0.3193,
0.3305

62.8461, 0.2741,
0.3183

83.2075, 0.3334,
0.3339

58.8679, 0.2604,
0.3135

85.1297, 0.3330,
0.3373

55.3301, 0.2480,
0.3085

87.0895, 0.3326,
0.3406

■ 52.2086, 0.2372,
0.3032

■ 89.0871, 0.3321,
0.3440

■ 49.4765, 0.2280,
0.2978

■ 91.1227, 0.3317,
0.3473

■ 47.1035, 0.2208,
0.2924

■ 93.1966, 0.3313,
0.3506

■ 45.0544, 0.2155,
0.2869

■ 95.3089, 0.3309,
0.3538

■ 43.2859, 0.2120,
0.2815

■ 97.4598, 0.3305,
0.3571

Harmonies

Analogous

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



72.2086, 0.3064, 0.3312



72.2086, 0.3038, 0.3268



72.2086, 0.3035, 0.3231

Triad

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



72.2086, 0.3038, 0.3268



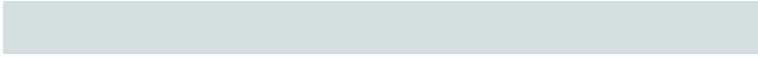
72.2086, 0.3146, 0.3232



72.2086, 0.3198, 0.3371

Complementary

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



72.2086, 0.3038, 0.3268



68.8374, 0.3222, 0.3312

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.



72.2086, 0.3220, 0.3349



72.2086, 0.3038, 0.3268



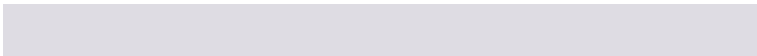
72.2086, 0.3190, 0.3269

Square

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



72.2086, 0.3038, 0.3268



72.2086, 0.3098, 0.3210



72.2086, 0.3217, 0.3311



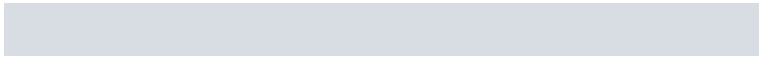
72.2086, 0.3157, 0.3372

Rectangle

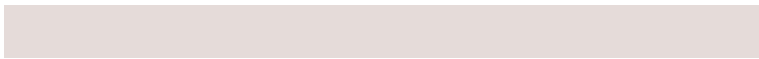
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2086, 0.3038, 0.3268



72.2086, 0.3047, 0.3215



72.2086, 0.3217, 0.3311



72.2086, 0.3208, 0.3366

Sweetspot

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



72.2117, 0.3038, 0.3268



98.5515, 0.3096, 0.3282



72.6905, 0.3108, 0.3412



21.1093, 0.3098, 0.3283



0.0000, 0.0000, 0.0000



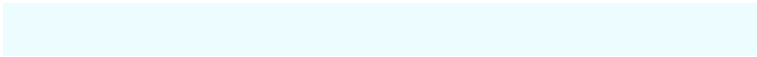
21.4041, 0.3127, 0.3290

Same Dimension

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



72.2117, 0.3038, 0.3268



95.0500, 0.3018, 0.3263



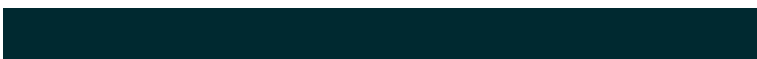
68.8219, 0.3039, 0.3196



15.4039, 0.3011, 0.3261



24.6855, 0.2112, 0.2801



1.8085, 0.2135, 0.2884

Inverse Universe

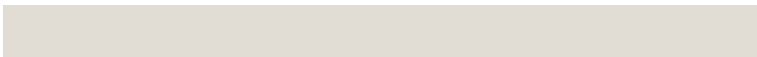
The Inverse Universe completely reimagines the original color for something new.



68.4183, 0.3147, 0.3171



88.9616, 0.3152, 0.3144



72.1751, 0.3216, 0.3382



14.3471, 0.3154, 0.3133



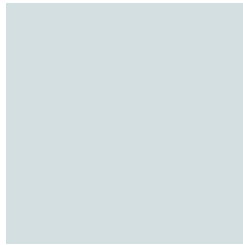
11.4001, 0.3634, 0.1775



0.8000, 0.3558, 0.1734

Previews

White Background



This preview shows how the Yxy color 72.2086, 0.3038, 0.3268 looks on a white background.

Color Contrast Check

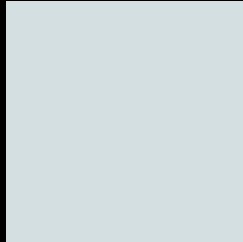
Large Text (above 18pt) WCAG AA × Fail

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 72.2086, 0.3038, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

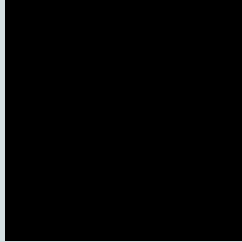
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

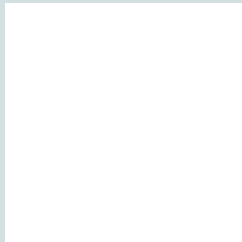
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.2086, 0.3038, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 72.2086, 0.3038, 0.3268.

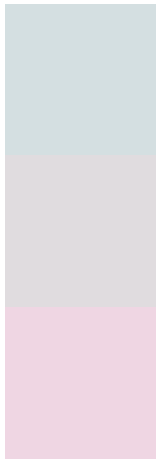


This preview shows how white text looks on a background with the Yxy color 72.2086, 0.3038, 0.3268.

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

72.2086, 0.3038, 0.3268

Protanopia

72.3614, 0.3136, 0.3258

Deuteranopia

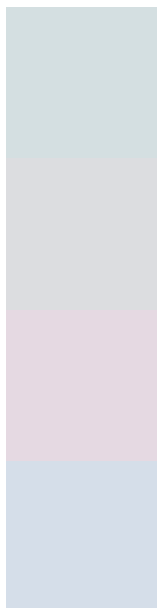
71.9899, 0.3221, 0.3155



Tritanopia

72.1821, 0.2970, 0.3106

Trichromacy



Original Color

72.2086, 0.3038, 0.3268

Protanomaly

72.3104, 0.3100, 0.3257

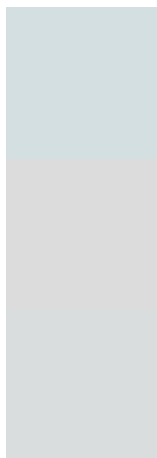
Deuteranomaly

71.7747, 0.3153, 0.3194

Tritanomaly

72.2719, 0.2994, 0.3170

Monochromacy



Original Color

72.2086, 0.3038, 0.3268

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.7385, 0.3092, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2086, 0.3038, 0.3268 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(212, 223, 225) looks like.

```
.text, #text, p{  
    color:rgb(212, 223, 225)  
}
```

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(212, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 223, 225) }
```

Border

The CSS property to change the border of an element to Yxy 72.2086, 0.3038, 0.3268 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(212, 223, 225) }
```

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

```
.border{ border-color:rgb(212, 223, 225) }
```

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

Here you see how a box with a 4 pixel rgb(212, 223, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 223, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 223, 225);  
box-shadow:4px 4px 4px 4px rgb(212, 223,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2086, 0.3038, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 223, 225) }
```

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

```
.background{ background-color: rgb(212,  
223, 225) }
```

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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