

Converting Colors

$Y_{xy}(71.5375, 0.3128, 0.3274)$

Have a look what the booklet for
Yxy(71.5375, 0.3128, 0.3274)
contains.

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Color

Yxy(71.7790, 0.3128, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	DDDCDD
RGB	221, 220, 221
RGB Percent	87%, 86%, 87%
CMY	0.1331, 0.1373, 0.1333
CMYK	0.00, 0.00, 0.00, 0.13
HSL	303°, 2%, 86%
HSV	303°, 0%, 87%
XYZ	68.4735, 71.7790, 78.6526
YIQ	220.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

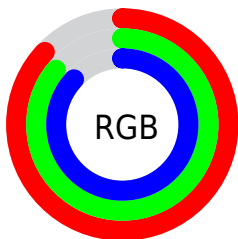
Format	Color
R_{YB}	221, 220, 221
Decimal	14539997
CIE Lab	87.86, 0.55, -0.38
CIE LCh	88, 0.664, 325.204
Yxy	71.7790, 0.3128, 0.3279
Android (android.graphics.Color)	4292730077 (0xFFDDDCDD)
YUV	220.4130, 0.2894, 0.5148
Hunter-Lab	84.7225, -3.9989, 4.2635

Details

The Yxy color **71.7790, 0.3128, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1215, 0.3126, 0.3301**, and the grayscale version is **71.8776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7704, 0.3128, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **60.8860, 0.3146, 0.3044**, and if you desaturate by 10%, it is **84.2126, 0.3111, 0.3503**.

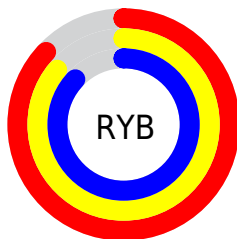
Distribution



Red (87%)

Green (86%)

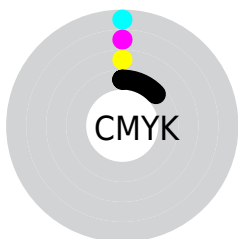
Blue (87%)



Red (87%)

Yellow (86%)

Blue (87%)

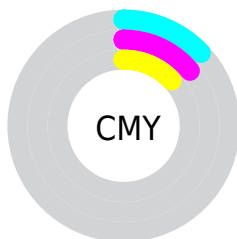


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (14%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7790, 0.3128, 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 71.7790, 0.3128, 0.3279 by changing the saturation by 10% instead.

■ 71.7790, 0.3128,
0.3279

■ 71.7790, 0.3128,
0.3279

466.7720, 0.3128,
0.3284

■ 52.9782, 0.3128,
0.3278

121.7423, 0.3128,
0.3281

■ 37.7853, 0.3128,
0.3276

153.6735, 0.3128,
0.3282

■ 25.8161, 0.3128,
0.3274

190.7503, 0.3128,
0.3282

■ 16.6861, 0.3128,
0.3272

233.3571, 0.3128,
0.3283

■ 10.0110, 0.3129,
0.3269

281.8783, 0.3128,
0.3283

■ 5.4062, 0.3129,
0.3264

336.6982, 0.3128,

■ 2.4875, 0.3129,

0.3284

0.3256

398.2013, 0.3128,
0.3284

0.8704, 0.3130,
0.3241

0.0000, 0.0000,
0.0000

71.7790, 0.3128,
0.3279

71.7790, 0.3128,
0.3279

60.8860, 0.3146,
0.3044

84.2126, 0.3111,
0.3503

51.4645, 0.3166,
0.2804

92.2222, 0.3100,
0.3624

43.4540, 0.3188,
0.2565

92.2737, 0.3095,
0.3613

36.7863, 0.3210,
0.2335

92.3254, 0.3089,
0.3603

31.3874, 0.3232,
0.2123

92.3774, 0.3084,
0.3593

27.1762, 0.3253,
0.1940

92.4298, 0.3079,
0.3583

24.0623, 0.3274,
0.1794

92.4824, 0.3073,
0.3573

21.9423, 0.3292,
0.1689

92.5353, 0.3068,
0.3563

20.6932, 0.3308,
0.1628

92.5885, 0.3063,
0.3553

Harmonies

Analogous

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



71.7790, 0.3120, 0.3276



71.7790, 0.3128, 0.3279



71.7790, 0.3136, 0.3285

Triad

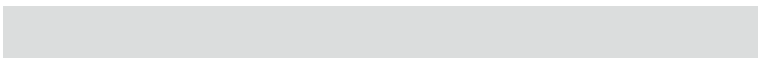
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7790, 0.3128, 0.3279



71.7790, 0.3140, 0.3303



71.7790, 0.3113, 0.3289

Complementary

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



71.7790, 0.3128, 0.3279



72.1215, 0.3126, 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.



71.7790, 0.3119, 0.3296



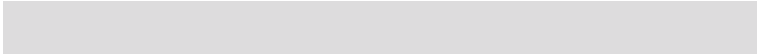
71.7790, 0.3128, 0.3279



71.7790, 0.3134, 0.3304

Square

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



71.7790, 0.3128, 0.3279



71.7790, 0.3143, 0.3298



71.7790, 0.3127, 0.3301



71.7790, 0.3112, 0.3282

Rectangle

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



71.7790, 0.3128, 0.3279



71.7790, 0.3140, 0.3289



71.7790, 0.3127, 0.3301



71.7790, 0.3115, 0.3291

Sweetspot

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



71.7821, 0.3128, 0.3279

100.0000, 0.3127, 0.3290



71.6247, 0.3120, 0.3278



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.



71.7821, 0.3128, 0.3279



98.3767, 0.3129, 0.3267



71.7545, 0.3131, 0.3285



15.2520, 0.3129, 0.3268



11.6806, 0.3319, 0.1602



0.7598, 0.3300, 0.1591

Inverse Universe

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



71.7821, 0.3128, 0.3279



98.3767, 0.3129, 0.3267



72.1490, 0.3123, 0.3295



15.2520, 0.3129, 0.3268



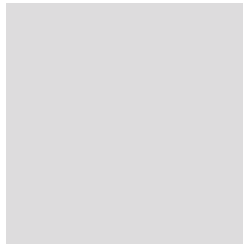
11.6806, 0.3319, 0.1602



0.7598, 0.3300, 0.1591

Previews

White Background



This preview shows how the Yxy color 71.7790, 0.3128, 0.3279 looks on a white background.

Color Contrast Check

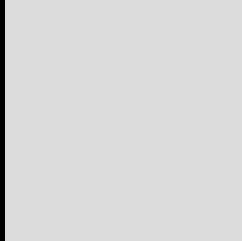
Large Text (above 18pt) WCAG AA × Fail

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 71.7790, 0.3128, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

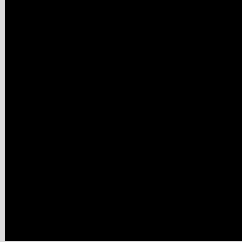
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

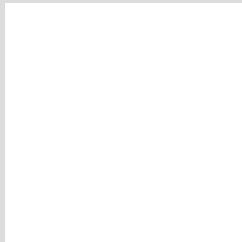
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7790, 0.3128, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 71.7790, 0.3128, 0.3279.

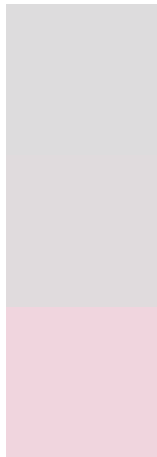


This preview shows how white text looks on a background with the Yxy color 71.7790, 0.3128, 0.3279.

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

71.7790, 0.3128, 0.3279

Protanopia

71.7308, 0.3150, 0.3268

Deuteranopia

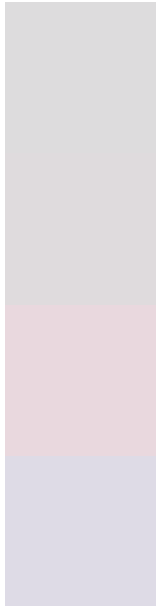
71.3877, 0.3265, 0.3196



Tritanopia

71.8289, 0.3051, 0.3108

Trichromacy



Original Color

71.7790, 0.3128, 0.3279

Protanomaly

71.5715, 0.3142, 0.3268

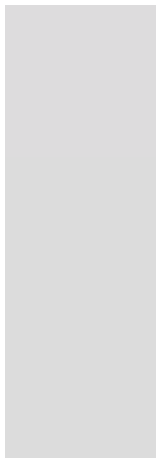
Deuteranomaly

71.7093, 0.3210, 0.3227

Tritanomaly

71.9058, 0.3076, 0.3172

Monochromacy



Original Color

71.7790, 0.3128, 0.3279

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.5694, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7790, 0.3128, 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(221, 220, 221)` looks like.

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

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

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

Border

The CSS property to change the border of an element to Yxy 71.7790, 0.3128, 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(221, 220, 221) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Yxy 71.7790, 0.3128, 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(221, 220, 221) }
```

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

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

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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