

Converting Colors

$Y_{xy}(75.5990, 0.3132, 0.3286)$

Have a look what the booklet for
Yxy(75.5990, 0.3132, 0.3286)
contains.

Yxy(75.5102, 0.3128, 0.3279)	3
Conversions	4
Details	6
Harmonies	12
Previews	23
Color Blindness Simulation	26
CSS Examples	29

Color

Yxy(75.5102, 0.3128, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	E2E1E2
RGB	226, 225, 226
RGB Percent	89%, 88%, 89%
CMY	0.1135, 0.1177, 0.1137
CMYK	0.00, 0.00, 0.00, 0.11
HSL	303°, 2%, 88%
HSV	303°, 0%, 89%
XYZ	72.0329, 75.5102, 82.7411
YIQ	225.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

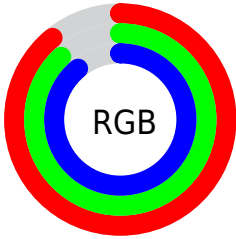
Format	Color
RYB	226, 225, 226
Decimal	14868962
CIELab	89.63, 0.55, -0.39
CIElCh	90, 0.676, 325.204
Yxy	75.5102, 0.3128, 0.3279
Android (android.graphics.Color)	4293059042 (0xFFE2E1E2)
YUV	225.4130, 0.2894, 0.5148
Hunter-Lab	86.8966, -4.1016, 4.3729

Details

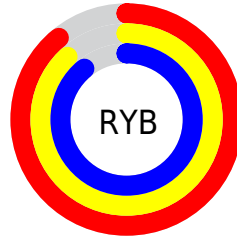
The Yxy color **75.5102, 0.3128, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.8705, 0.3126, 0.3301**, and the grayscale version is **75.6139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3477, 0.3128, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **64.0368, 0.3146, 0.3044**, and if you desaturate by 10%, it is **88.6085, 0.3111, 0.3503**.

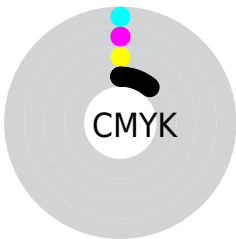
Distribution



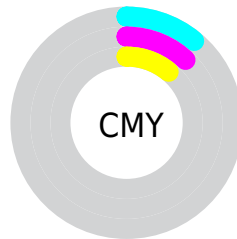
- Red (89%)
- Green (88%)
- Blue (89%)



- Red (89%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5102, 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 75.5102, 0.3128, 0.3279 by changing the saturation by 10% instead.

■ 75.5102, 0.3128,
0.3279

■ 75.5102, 0.3128,
0.3279

479.6694, 0.3128,
0.3284

■ 56.0310, 0.3128,
0.3278

127.0343, 0.3128,
0.3281

■ 40.2278, 0.3128,
0.3276

159.8480, 0.3128,
0.3281

■ 27.7162, 0.3128,
0.3275

197.8752, 0.3128,
0.3282

■ 18.1118, 0.3128,
0.3272

241.5005, 0.3128,
0.3283

■ 11.0303, 0.3129,
0.3269

291.1081, 0.3128,
0.3283

■ 6.0872, 0.3129,
0.3264

347.0826, 0.3128,

■ 2.8982, 0.3129,

0.3283

409.8082, 0.3128,
0.3284

0.3257

1.0788, 0.3130,
0.3244

0.0000, 0.0000,
0.0000

75.5102, 0.3128,
0.3279

75.5102, 0.3128,
0.3279

64.0368, 0.3146,
0.3044

88.6085, 0.3111,
0.3503

54.1154, 0.3166,
0.2803

93.2985, 0.3102,
0.3567

45.6822, 0.3188,
0.2564

93.3527, 0.3097,
0.3557

38.6650, 0.3210,
0.2333

93.4072, 0.3091,
0.3547

■ 32.9856, 0.3232,
0.2122

■ 93.4620, 0.3086,
0.3537

■ 28.5584, 0.3254,
0.1939

■ 93.5171, 0.3080,
0.3526

■ 25.2878, 0.3274,
0.1792

■ 93.5726, 0.3075,
0.3516

■ 23.0644, 0.3292,
0.1688

■ 93.6283, 0.3069,
0.3506

■ 21.7581, 0.3308,
0.1628

■ 93.6844, 0.3064,
0.3496

Harmonies

Analogous

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



75.5102, 0.3120, 0.3276



75.5102, 0.3128, 0.3279



75.5102, 0.3136, 0.3285

Triad

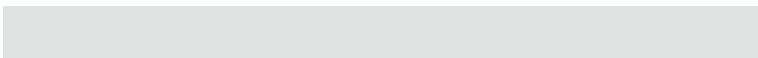
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5102, 0.3128, 0.3279



75.5102, 0.3140, 0.3303



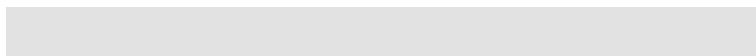
75.5102, 0.3113, 0.3289

Complementary

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



75.5102, 0.3128, 0.3279



75.8705, 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.



75.5102, 0.3119, 0.3296



75.5102, 0.3128, 0.3279



75.5102, 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.



75.5102, 0.3128, 0.3279



75.5102, 0.3143, 0.3298



75.5102, 0.3127, 0.3301



75.5102, 0.3112, 0.3282

Rectangle

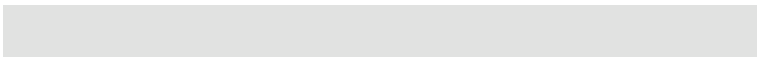
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5102, 0.3128, 0.3279



75.5102, 0.3140, 0.3289



75.5102, 0.3127, 0.3301



75.5102, 0.3115, 0.3291

Sweetspot

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



75.5134, 0.3128, 0.3279

100.0000, 0.3127, 0.3290



75.3479, 0.3120, 0.3278



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

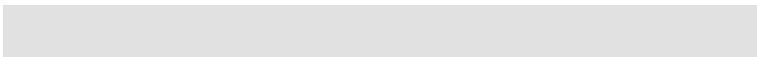
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5134, 0.3128, 0.3279



98.3767, 0.3129, 0.3267



75.4845, 0.3131, 0.3285



16.0170, 0.3129, 0.3268



12.0654, 0.3319, 0.1602



0.8395, 0.3301, 0.1592

Inverse Universe

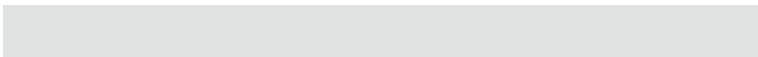
The Inverse Universe completely reimagines the original color for something new.



75.5134, 0.3128, 0.3279



98.3767, 0.3129, 0.3267



75.8994, 0.3123, 0.3295



16.0170, 0.3129, 0.3268



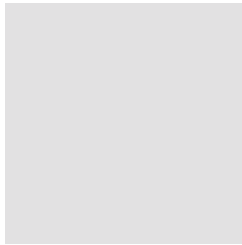
12.0654, 0.3319, 0.1602



0.8395, 0.3301, 0.1592

Previews

White Background



This preview shows how the Yxy color 75.5102, 0.3128, 0.3279 looks on a white background.

Color Contrast Check

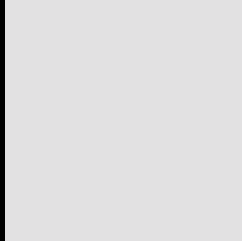
Large Text (above 18pt) WCAG AA × Fail

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 75.5102, 0.3128, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

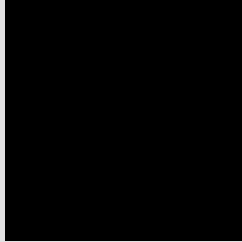
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

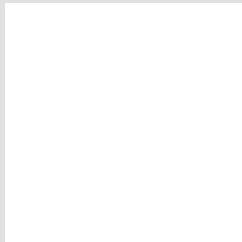
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5102, 0.3128, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 75.5102, 0.3128, 0.3279.

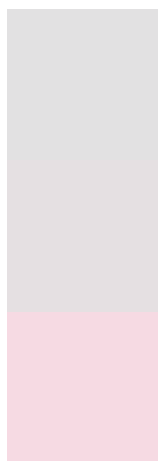


This preview shows how white text looks on a background with the Yxy color 75.5102, 0.3128, 0.3279.

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

75.5102, 0.3128, 0.3279

Protanopia

75.4603, 0.3149, 0.3269

Deuteranopia

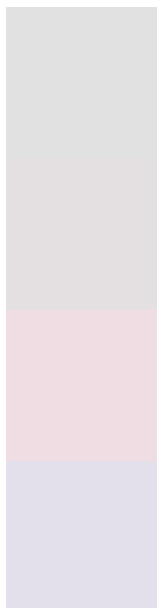
75.2817, 0.3269, 0.3198



Tritanopia

75.5606, 0.3052, 0.3112

Trichromacy



Original Color

75.5102, 0.3128, 0.3279

Protanomaly

75.2963, 0.3142, 0.3269

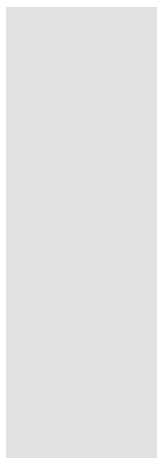
Deuteranomaly

75.6097, 0.3216, 0.3228

Tritanomaly

75.6404, 0.3077, 0.3174

Monochromacy



Original Color

75.5102, 0.3128, 0.3279

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.2942, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5102, 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(226, 225, 226) looks like.

```
.text, #text, p{  
    color:rgb(226, 225, 226)  
}
```

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(226, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 226) }
```

Border

The CSS property to change the border of an element to Yxy 75.5102, 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(226, 225, 226) }
```

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

```
.border{ border-color:rgb(226, 225, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 225,  
226) }
```

Background

The CSS property to change the background color of an element to Yxy 75.5102, 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(226, 225, 226) }
```

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

```
.background{ background-color: rgb(226,  
225, 226) }
```

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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