

Converting Colors

$Yxy(77.0564, 0.3130, 0.3282)$

Have a look what the booklet for
Yxy(77.0564, 0.3130, 0.3282)
contains.

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Color

Yxy(77.0336, 0.3128, 0.3279)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E4E3E4 |
| RGB | 228, 227, 228 |
| RGB Percent | 89%, 89%, 89% |
| CMY | 0.1056, 0.1099, 0.1058 |
| CMYK | 0.00, 0.00, 0.00, 0.11 |
| HSL | 303°, 2%, 89% |
| HSV | 303°, 0%, 89% |
| XYZ | 73.4862, 77.0336, 84.4104 |
| YIQ | 227.4130, 0.2750, 0.5230 |

Conversions

Conversions Part 2

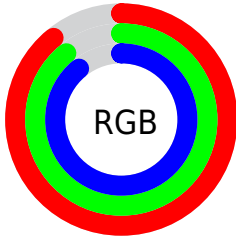
| Format | Color |
|-------------------------------------|--|
| RYB | 228, 227, 228 |
| Decimal | 15000548 |
| CIELab | 90.34, 0.56, -0.39 |
| CIELCh | 90, 0.680, 325.204 |
| Yxy | 77.0336, 0.3128, 0.3279 |
| Android (android.graphics.Color) | 4293190628 (0xFFE4E3E4) |
| YUV | 227.4130, 0.2894, 0.5148 |
| Hunter-Lab | 87.7688, -4.1427, 4.4168 |

Details

The Yxy color **77.0336, 0.3128, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.4012, 0.3126, 0.3301**, and the grayscale version is **77.1394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.4064, 0.3128, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **65.3231, 0.3146, 0.3044**, and if you desaturate by 10%, it is **90.4035, 0.3111, 0.3504**.

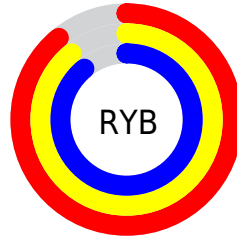
Distribution



Red (89%)

Green (89%)

Blue (89%)



Red (89%)

Yellow (89%)

Blue (89%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.0336, 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 77.0336, 0.3128, 0.3279 by changing the saturation by 10% instead.

■ 77.0336, 0.3128,
0.3279

■ 77.0336, 0.3128,
0.3279

484.8786, 0.3128,
0.3284

■ 57.2805, 0.3128,
0.3278

129.1869, 0.3128,
0.3281

■ 41.2304, 0.3128,
0.3276

162.3559, 0.3128,
0.3281

■ 28.4992, 0.3128,
0.3275

200.7655, 0.3128,
0.3282

■ 18.7023, 0.3128,
0.3272

244.8003, 0.3128,
0.3283

■ 11.4554, 0.3129,
0.3269

294.8446, 0.3128,
0.3283

■ 6.3740, 0.3129,
0.3265

351.2829, 0.3128,

■ 3.0738, 0.3129,

0.3283

0.3257

414.4994, 0.3128,
0.3284

■ 1.1704, 0.3130,
0.3245

■ 0.0373, 0.3185,
0.2420

■ 77.0336, 0.3128,
0.3279

■ 77.0336, 0.3128,
0.3279

■ 65.3231, 0.3146,
0.3044

■ 90.4035, 0.3111,
0.3504

■ 55.1976, 0.3166,
0.2803

■ 93.7379, 0.3103,
0.3545

■ 46.5917, 0.3188,
0.2563

■ 93.7932, 0.3098,
0.3535

■ 39.4317, 0.3210,
0.2333

■ 93.8489, 0.3092,
0.3525

33.6379, 0.3232,
0.2121

93.9048, 0.3087,
0.3514

29.1225, 0.3254,
0.1938

93.9611, 0.3081,
0.3504

25.7880, 0.3274,
0.1792

94.0177, 0.3076,
0.3494

23.5225, 0.3292,
0.1688

94.0746, 0.3070,
0.3484

22.1928, 0.3308,
0.1628

94.1318, 0.3065,
0.3474

Harmonies

Analogous

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



77.0336, 0.3120, 0.3276



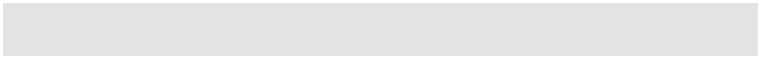
77.0336, 0.3128, 0.3279



77.0336, 0.3136, 0.3285

Triad

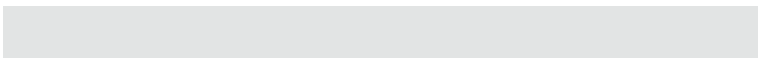
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.0336, 0.3128, 0.3279



77.0336, 0.3140, 0.3303



77.0336, 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.



77.0336, 0.3128, 0.3279



77.4012, 0.3126, 0.3301

Split Complementary

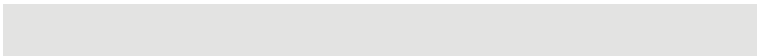
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0336, 0.3119, 0.3296



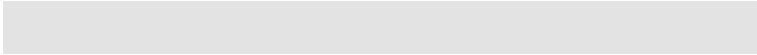
77.0336, 0.3128, 0.3279



77.0336, 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.



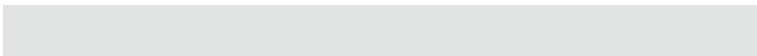
77.0336, 0.3128, 0.3279



77.0336, 0.3143, 0.3298



77.0336, 0.3127, 0.3301



77.0336, 0.3112, 0.3282

Rectangle

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



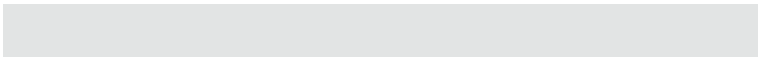
77.0336, 0.3128, 0.3279



77.0336, 0.3140, 0.3289



77.0336, 0.3127, 0.3301



77.0336, 0.3115, 0.3291

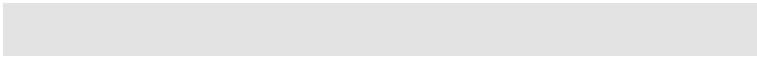
Sweetspot

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



77.0369, 0.3128, 0.3279

100.0000, 0.3127, 0.3290



76.8680, 0.3120, 0.3278



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

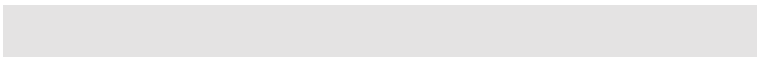
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0369, 0.3128, 0.3279



98.3767, 0.3129, 0.3267



77.0073, 0.3131, 0.3285



16.8040, 0.3129, 0.3268



12.4574, 0.3320, 0.1602



0.9239, 0.3302, 0.1593

Inverse Universe

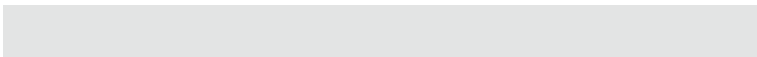
The Inverse Universe completely reimagines the original color for something new.



77.0369, 0.3128, 0.3279



98.3767, 0.3129, 0.3267



77.4306, 0.3123, 0.3295



16.8040, 0.3129, 0.3268



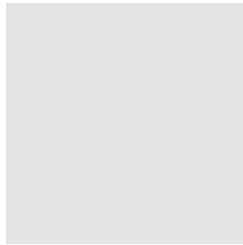
12.4574, 0.3320, 0.1602



0.9239, 0.3302, 0.1593

Previews

White Background



This preview shows how the Yxy color 77.0336, 0.3128, 0.3279 looks on a white background.

Color Contrast Check

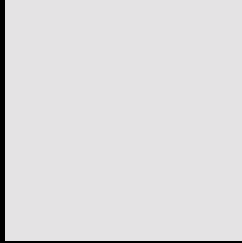
Large Text (above 18pt) WCAG AA × Fail

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 77.0336, 0.3128, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

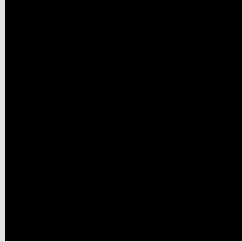
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

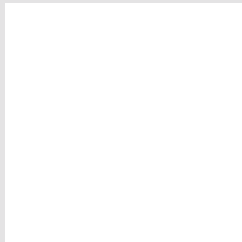
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.0336, 0.3128, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 77.0336, 0.3128, 0.3279.

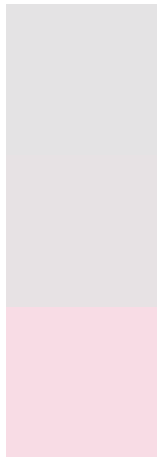


This preview shows how white text looks on a background with the Yxy color 77.0336, 0.3128, 0.3279.

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

77.0336, 0.3128, 0.3279

Protanopia

76.9831, 0.3149, 0.3269

Deuteranopia

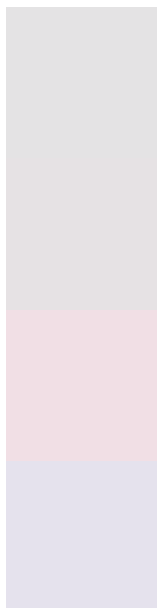
76.8000, 0.3268, 0.3199



Tritanopia

77.0842, 0.3053, 0.3114

Trichromacy



Original Color

77.0336, 0.3128, 0.3279

Protanomaly

76.8171, 0.3142, 0.3269

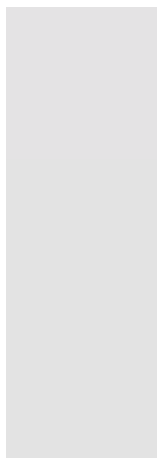
Deuteranomaly

77.1333, 0.3215, 0.3229

Tritanomaly

77.1652, 0.3078, 0.3175

Monochromacy



Original Color

77.0336, 0.3128, 0.3279

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.8151, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0336, 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(228, 227, 228)` looks like.

```
.text, #text, p{  
    color:rgb(228, 227, 228)  
}
```

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(228, 227, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 227, 228) }
```

Border

The CSS property to change the border of an element to Yxy 77.0336, 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(228, 227, 228) }
```

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

```
.border{ border-color:rgb(228, 227, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 227, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 227, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 227, 228);  
box-shadow:4px 4px 4px 4px rgb(228, 227,  
228) }
```

Background

The CSS property to change the background color of an element to Yxy 77.0336, 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(228, 227, 228) }
```

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

```
.background{ background-color: rgb(228,  
227, 228) }
```

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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