

Converting Colors

$Y_{xy}(75.4501, 0.3107, 0.3279)$

Have a look what the booklet for
Yxy(75.4501, 0.3107, 0.3279)
contains.

Yxy(75.7861, 0.3107, 0.3279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(75.7861, 0.3107, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	E0E2E3
RGB	224, 226, 227
RGB Percent	88%, 89%, 89%
CMY	0.1214, 0.1137, 0.1097
CMYK	0.01, 0.00, 0.00, 0.11
HSL	201°, 5%, 88%
HSV	201°, 1%, 89%
XYZ	71.8107, 75.7861, 83.5288
YIQ	225.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

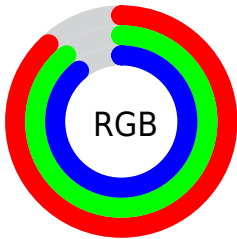
Format	Color
R _Y B	224, 225, 227
Decimal	14738147
CIE Lab	89.76, -0.47, -0.74
CIE LCh	90, 0.877, 237.732
Yxy	75.7861, 0.3107, 0.3279
Android (android.graphics.Color)	4292928227 (0xFFE0E2E3)
YUV	225.5160, 0.7316, -1.3295
Hunter-Lab	87.0552, -5.1042, 4.0503

Details

The Yxy color **75.7861, 0.3107, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5977, 0.3148, 0.3301**, and the grayscale version is **75.6868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5394, 0.3101, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **68.2645, 0.2952, 0.3190**, and if you desaturate by 10%, it is **83.9905, 0.3259, 0.3358**.

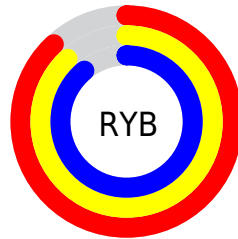
Distribution



Red (88%)

Green (89%)

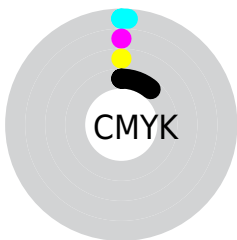
Blue (89%)



Red (88%)

Yellow (88%)

Blue (89%)

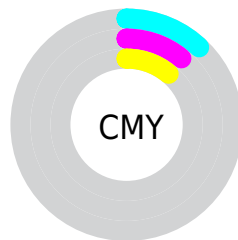


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7861, 0.3107, 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 75.7861, 0.3107, 0.3279 by changing the saturation by 10% instead.

■ 75.7861, 0.3107,
0.3279

■ 75.7861, 0.3107,
0.3279

480.6152, 0.3116,
0.3284

■ 56.2571, 0.3105,
0.3278

127.4245, 0.3110,
0.3281

■ 40.4091, 0.3102,
0.3276

160.3027, 0.3111,
0.3281

■ 27.8577, 0.3099,
0.3275

198.3995, 0.3113,
0.3282

■ 18.2184, 0.3095,
0.3272

242.0992, 0.3114,
0.3283

■ 11.1069, 0.3089,
0.3269

291.7862, 0.3114,
0.3283

■ 6.1388, 0.3080,
0.3264

347.8449, 0.3115,

■ 2.9297, 0.3067,

0.3283

0.3257

410.6598, 0.3116,
0.3284

■ 1.0951, 0.3044,
0.3244

■ 0.0000, 0.0000,
0.0000

■ 75.7861, 0.3107,
0.3279

■ 75.7861, 0.3107,
0.3279

■ 68.2645, 0.2952,
0.3190

■ 83.9905, 0.3259,
0.3358

■ 61.3944, 0.2797,
0.3092

■ 90.0471, 0.3307,
0.3433

■ 55.1562, 0.2643,
0.2985

■ 94.7663, 0.3298,
0.3508

■ 49.5254, 0.2495,
0.2870

■ 98.3271, 0.3291,
0.3562

■ 44.4759, 0.2357,
0.2747

■ 39.9788, 0.2231,
0.2619

■ 36.0023, 0.2122,
0.2487

■ 32.5104, 0.2033,
0.2355

■ 29.4603, 0.1965,
0.2223

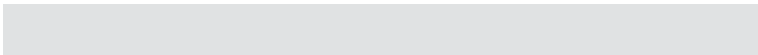
Harmonies

Analogous

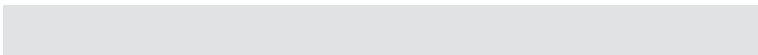
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7861, 0.3109, 0.3288



75.7861, 0.3107, 0.3279



75.7861, 0.3111, 0.3273

Triad

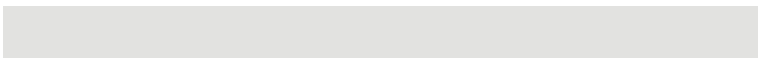
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7861, 0.3107, 0.3279



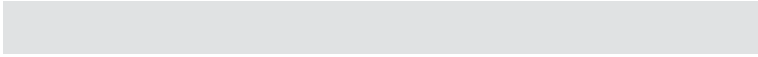
75.7861, 0.3139, 0.3284



75.7861, 0.3136, 0.3308

Complementary

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



75.7861, 0.3107, 0.3279



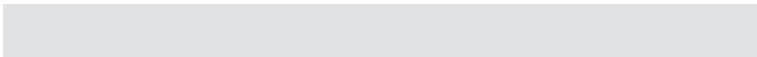
75.5977, 0.3148, 0.3301

Split Complementary

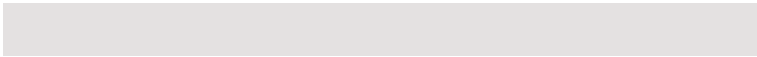
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7861, 0.3144, 0.3307



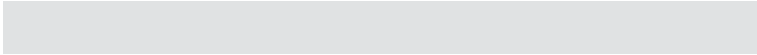
75.7861, 0.3107, 0.3279



75.7861, 0.3146, 0.3293

Square

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



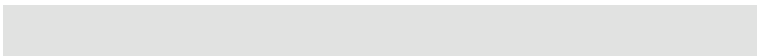
75.7861, 0.3107, 0.3279



75.7861, 0.3129, 0.3276



75.7861, 0.3148, 0.3301



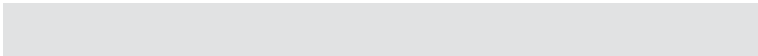
75.7861, 0.3125, 0.3304

Rectangle

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



75.7861, 0.3107, 0.3279



75.7861, 0.3116, 0.3272



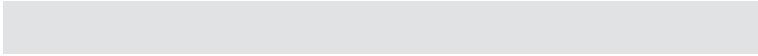
75.7861, 0.3148, 0.3301



75.7861, 0.3139, 0.3308

Sweetspot

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



75.7893, 0.3107, 0.3279

100.0000, 0.3127, 0.3290



76.2385, 0.3119, 0.3311



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

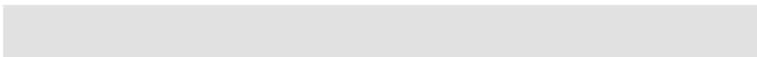
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7893, 0.3107, 0.3279



97.9354, 0.3096, 0.3273



74.9957, 0.3108, 0.3263



16.7331, 0.3098, 0.3274



16.0329, 0.1925, 0.2131



1.3559, 0.1978, 0.2320

Inverse Universe

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



75.1528, 0.3135, 0.3269



96.6770, 0.3140, 0.3258



76.3939, 0.3147, 0.3317



16.5310, 0.3139, 0.3260



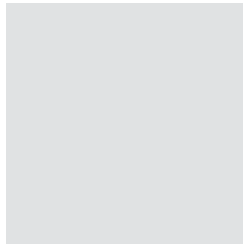
10.8162, 0.4307, 0.2146



0.8166, 0.4106, 0.2035

Previews

White Background



This preview shows how the Yxy color 75.7861, 0.3107, 0.3279 looks on a white background.

Color Contrast Check

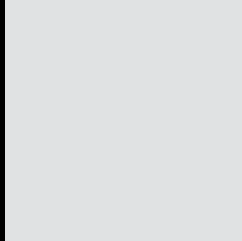
Large Text (above 18pt) WCAG AA × Fail

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 75.7861, 0.3107, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

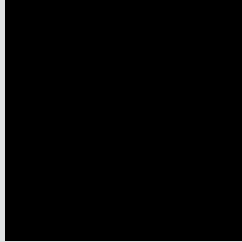
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

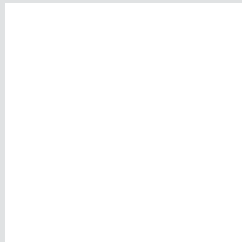
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7861, 0.3107, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 75.7861, 0.3107, 0.3279.

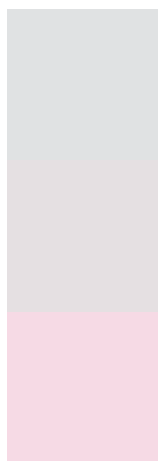


This preview shows how white text looks on a background with the Yxy color 75.7861, 0.3107, 0.3279.

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

75.7861, 0.3107, 0.3279

Protanopia

75.4603, 0.3149, 0.3269

Deuteranopia

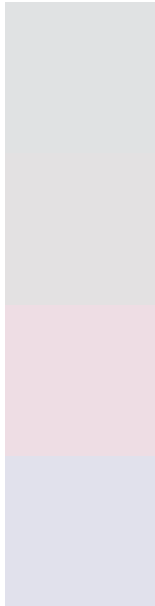
75.3928, 0.3255, 0.3178



Tritanopia

75.8309, 0.3032, 0.3112

Trichromacy



Original Color

75.7861, 0.3107, 0.3279

Protanomaly

75.6723, 0.3135, 0.3279

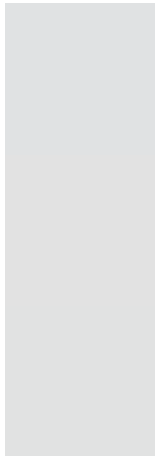
Deuteranomaly

75.4915, 0.3202, 0.3218

Tritanomaly

75.9141, 0.3057, 0.3174

Monochromacy



Original Color

75.7861, 0.3107, 0.3279

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.8913, 0.3120, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7861, 0.3107, 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(224, 226, 227) looks like.

```
.text, #text, p{  
    color:rgb(224, 226, 227)  
}
```

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(224, 226, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 226, 227) }
```

Border

The CSS property to change the border of an element to Yxy 75.7861, 0.3107, 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(224, 226, 227) }
```

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

```
.border{ border-color:rgb(224, 226, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 226, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 226, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 226, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 226,  
227) }
```

Background

The CSS property to change the background color of an element to Yxy 75.7861, 0.3107, 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(224, 226, 227) }
```

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

```
.background{ background-color: rgb(224,  
226, 227) }
```

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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