

Converting Colors

$Y_{xy}(76.2401, 0.3119, 0.3318)$

Have a look what the booklet for
Yxy(76.2401, 0.3119, 0.3318)
contains.

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Color

Yxy(76.2217, 0.3119, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	E0E3E1
RGB	224, 227, 225
RGB Percent	88%, 89%, 88%
CMY	0.1216, 0.1098, 0.1175
CMYK	0.01, 0.00, 0.01, 0.11
HSL	141°, 5%, 88%
HSV	141°, 1%, 89%
XYZ	71.8017, 76.2217, 82.1841
YIQ	225.8750, -1.1460, -1.2580

Conversions

Conversions Part 2

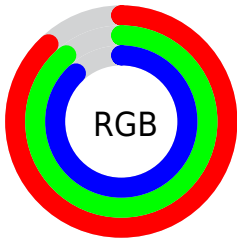
Format	Color
RYB	224, 226, 227
Decimal	14738401
CIELab	89.96, -1.36, 0.60
CIELCh	90, 1.484, 156.349
Yxy	76.2217, 0.3119, 0.3311
Android (android.graphics.Color)	4292928481 (0xFFE0E3E1)
YUV	225.8750, -0.4314, -1.6444
Hunter-Lab	87.3050, -5.9812, 5.3012

Details

The Yxy color **76.2217, 0.3119, 0.3311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1287, 0.3135, 0.3269**, and the grayscale version is **75.9645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8423, 0.3117, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **72.0601, 0.3057, 0.3481**, and if you desaturate by 10%, it is **80.9447, 0.3180, 0.3161**.

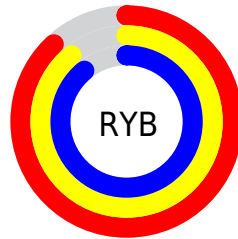
Distribution



Red (88%)

Green (89%)

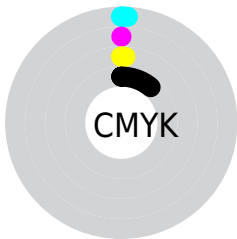
Blue (88%)



Red (88%)

Yellow (89%)

Blue (89%)

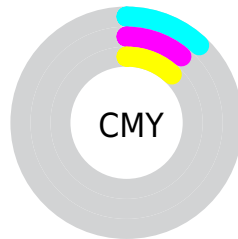


Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2217, 0.3119, 0.3311 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 76.2217, 0.3119, 0.3311 by changing the saturation by 10% instead.

■ 76.2217, 0.3119,
0.3311

■ 76.2217, 0.3119,
0.3311

482.1063, 0.3123,
0.3301

■ 56.6143, 0.3118,
0.3313

128.0402, 0.3120,
0.3308

■ 40.6957, 0.3117,
0.3316

161.0202, 0.3121,
0.3306

■ 28.0814, 0.3116,
0.3319

199.2265, 0.3121,
0.3305

■ 18.3870, 0.3114,
0.3324

243.0434, 0.3122,
0.3304

■ 11.2282, 0.3112,
0.3330

292.8555, 0.3122,
0.3303

■ 6.2205, 0.3108,
0.3338

349.0471, 0.3122,

■ 2.9796, 0.3103,

0.3303

412.0025, 0.3123,
0.3302

0.3352

1.1211, 0.3093,
0.3376

0.0000, 0.0000,
0.0000

76.2217, 0.3119,
0.3311

76.2217, 0.3119,
0.3311

72.0601, 0.3057,
0.3481

80.9447, 0.3180,
0.3161

68.4294, 0.2997,
0.3672

83.4059, 0.3141,
0.3021

65.3105, 0.2940,
0.3884

83.4207, 0.3140,
0.3019

62.6797, 0.2889,
0.4115

■ 60.5115, 0.2848,
0.4360

■ 58.7776, 0.2819,
0.4615

■ 57.4468, 0.2806,
0.4870

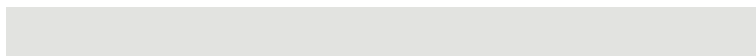
■ 56.4834, 0.2811,
0.5114

■ 55.8451, 0.2833,
0.5336

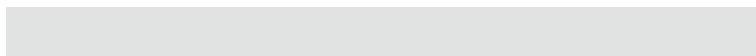
Harmonies

Analogous

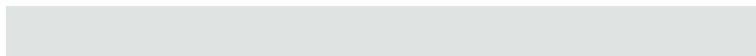
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2217, 0.3137, 0.3319



76.2217, 0.3119, 0.3311



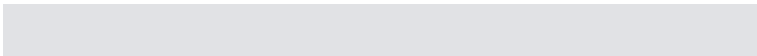
76.2217, 0.3103, 0.3297

Triad

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



76.2217, 0.3119, 0.3311



76.2217, 0.3102, 0.3261



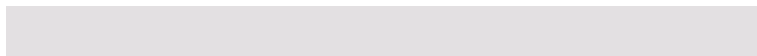
76.2217, 0.3160, 0.3299

Complementary

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



76.2217, 0.3119, 0.3311



75.1287, 0.3135, 0.3269

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.



76.2217, 0.3151, 0.3283



76.2217, 0.3119, 0.3311



76.2217, 0.3118, 0.3261

Square

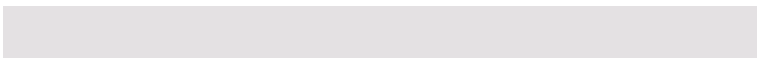
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2217, 0.3119, 0.3311



76.2217, 0.3094, 0.3268



76.2217, 0.3135, 0.3270



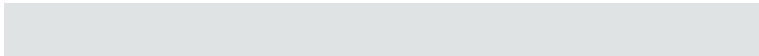
76.2217, 0.3161, 0.3312

Rectangle

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



76.2217, 0.3119, 0.3311



76.2217, 0.3096, 0.3286



76.2217, 0.3135, 0.3270



76.2217, 0.3158, 0.3294

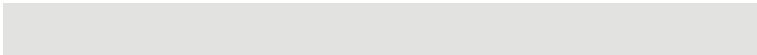
Sweetspot

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



76.2250, 0.3119, 0.3311

100.0000, 0.3127, 0.3290



76.4911, 0.3140, 0.3322



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

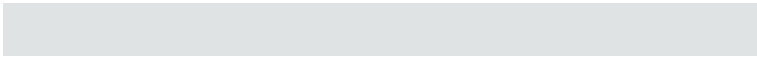
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2250, 0.3119, 0.3311



98.8322, 0.3115, 0.3322



76.3056, 0.3110, 0.3295



16.8770, 0.3116, 0.3320



32.3833, 0.2855, 0.5478



2.4100, 0.2772, 0.5181

Inverse Universe

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



75.1287, 0.3135, 0.3269



96.6763, 0.3140, 0.3258



75.0483, 0.3145, 0.3285



16.5309, 0.3139, 0.3260



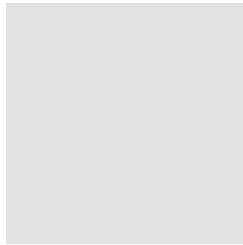
10.8067, 0.4316, 0.2151



0.8159, 0.4113, 0.2039

Previews

White Background



This preview shows how the Yxy color 76.2217, 0.3119, 0.3311 looks on a white background.

Color Contrast Check

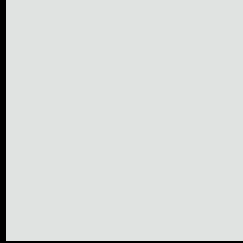
Large Text (above 18pt) WCAG AA × Fail

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 76.2217, 0.3119, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

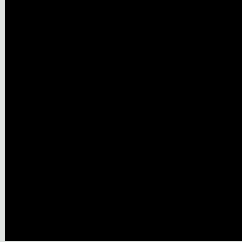
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

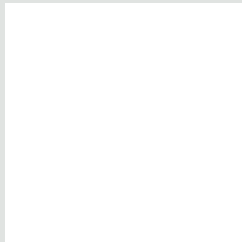
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2217, 0.3119, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 76.2217, 0.3119, 0.3311.

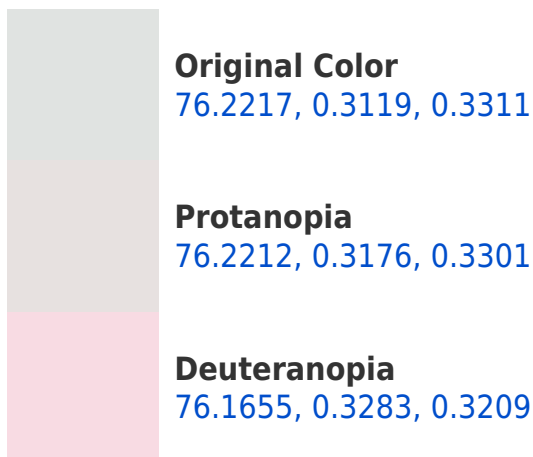


This preview shows how white text looks on a background with the Yxy color 76.2217, 0.3119, 0.3311.

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





Tritanopia

76.0530, 0.3033, 0.3102

Trichromacy



Original Color

76.2217, 0.3119, 0.3311

Protanomaly

76.2685, 0.3154, 0.3311

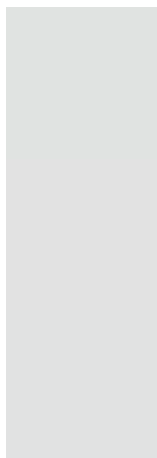
Deuteranomaly

76.0843, 0.3222, 0.3249

Tritanomaly

76.0753, 0.3064, 0.3174

Monochromacy



Original Color

76.2217, 0.3119, 0.3311

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 76.2217, 0.3119, 0.3311 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, 227, 225)` looks like.

```
.text, #text, p{  
    color:rgb(224, 227, 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(224, 227, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 227, 225) }
```

Border

The CSS property to change the border of an element to Yxy 76.2217, 0.3119, 0.3311 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, 227, 225) }
```

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

```
.border{ border-color:rgb(224, 227, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 227, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 227, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 227, 225); box-shadow:4px 4px 4px 4px rgb(224, 227, 225) }
```

Background

The CSS property to change the background color of an element to Yxy 76.2217, 0.3119, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 227, 225) }
```

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

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