

Converting Colors

$Yxy(78.4792, 0.2994, 0.3254)$

Have a look what the booklet for
Yxy(78.4792, 0.2994, 0.3254)
contains.

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Color

Yxy(78.2164, 0.2990, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	D7E8EC
RGB	215, 232, 236
RGB Percent	84%, 91%, 93%
CMY	0.1567, 0.0902, 0.0746
CMYK	0.09, 0.02, 0.00, 0.07
HSL	191°, 36%, 88%
HSV	191°, 9%, 93%
XYZ	72.0256, 78.2164, 90.6462
YIQ	227.3730, -11.4160, -2.3600

Conversions

Conversions Part 2

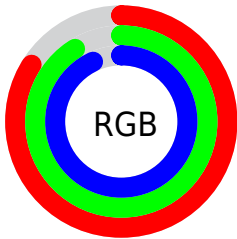
Format	Color
R _Y B	215, 224, 236
Decimal	14149868
CIE Lab	90.88, -4.84, -3.87
CIE LCh	91, 6.195, 218.681
Yxy	78.2164, 0.2990, 0.3247
Android (android.graphics.Color)	4292339948 (0xFFD7E8EC)
YUV	227.3730, 4.2531, -10.8511
Hunter-Lab	88.4400, -9.3996, 1.1390

Details

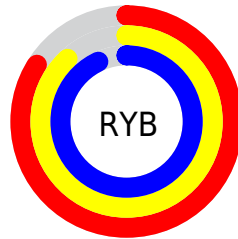
The Yxy color **78.2164, 0.2990, 0.3247** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4102, 0.3277, 0.3333**, and the grayscale version is **77.0808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.8195, 0.2959, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **72.4050, 0.2838, 0.3194**, and if you desaturate by 10%, it is **84.6143, 0.3145, 0.3295**.

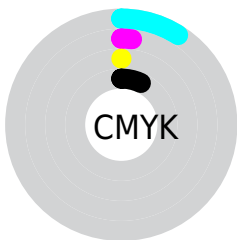
Distribution



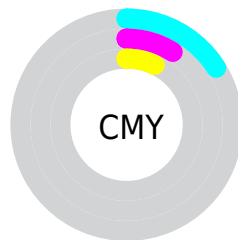
- Red (84%)
- Green (91%)
- Blue (93%)



- Red (84%)
- Yellow (88%)
- Blue (93%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.2164, 0.2990, 0.3247 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 78.2164, 0.2990, 0.3247 by changing the saturation by 10% instead.

■ 78.2164, 0.2990,
0.3247

■ 78.2164, 0.2990,
0.3247

488.9014, 0.3052,
0.3267

■ 58.2518, 0.2976,
0.3242

130.8551, 0.3011,
0.3254

■ 42.0111, 0.2959,
0.3237

164.2980, 0.3020,
0.3257

■ 29.1100, 0.2937,
0.3229

203.0024, 0.3027,
0.3259

■ 19.1640, 0.2909,
0.3220

247.3528, 0.3034,
0.3261

■ 11.7889, 0.2871,
0.3207

297.7335, 0.3039,
0.3263

■ 6.6001, 0.2818,
0.3188

354.5289, 0.3044,

■ 3.2133, 0.2736,

0.3264

0.3158

418.1234, 0.3048,
0.3266

■ 1.2441, 0.2596,
0.3104

■ 0.0973, 0.0000,
0.2053

■ 78.2164, 0.2990,
0.3247

■ 78.2164, 0.2990,
0.3247

■ 72.4050, 0.2838,
0.3194

■ 84.6143, 0.3145,
0.3295

■ 67.1477, 0.2693,
0.3137

■ 90.2133, 0.3251,
0.3339

■ 62.4239, 0.2556,
0.3075

■ 92.9039, 0.3247,
0.3383

■ 58.2075, 0.2432,
0.3011

■ 95.6605, 0.3243,
0.3426

■ 54.4703, 0.2324,
0.2943

■ 98.4835, 0.3239,
0.3468

■ 51.1807, 0.2233,
0.2874

■ 98.8353, 0.3238,
0.3474

■ 48.3030, 0.2162,
0.2804

■ 45.7947, 0.2110,
0.2735

■ 43.5926, 0.2075,
0.2666

Harmonies

Analogous

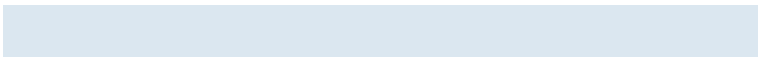
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2164, 0.3025, 0.3313



78.2164, 0.2990, 0.3247



78.2164, 0.2991, 0.3194

Triad

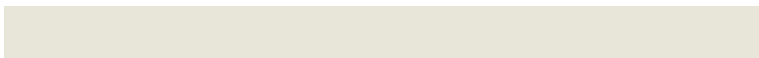
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2164, 0.2990, 0.3247



78.2164, 0.3166, 0.3209



78.2164, 0.3226, 0.3415

Complementary

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



78.2164, 0.2990, 0.3247



73.4102, 0.3277, 0.3333

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.



78.2164, 0.3265, 0.3385



78.2164, 0.2990, 0.3247



78.2164, 0.3230, 0.3267

Square

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



78.2164, 0.2990, 0.3247



78.2164, 0.3093, 0.3173



78.2164, 0.3267, 0.3331



78.2164, 0.3161, 0.3411

Rectangle

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



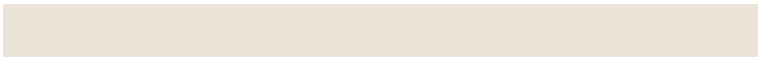
78.2164, 0.2990, 0.3247



78.2164, 0.3013, 0.3173



78.2164, 0.3267, 0.3331



78.2164, 0.3242, 0.3408

Sweetspot

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



78.2197, 0.2990, 0.3247



97.6527, 0.3080, 0.3276



79.5423, 0.3093, 0.3475



20.7698, 0.3068, 0.3272



0.0000, 0.0000, 0.0000



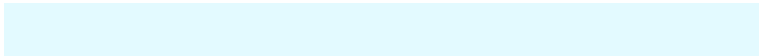
21.4041, 0.3127, 0.3290

Same Dimension

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



78.2197, 0.2990, 0.3247



91.7050, 0.2957, 0.3236



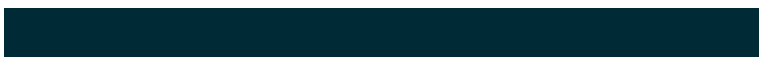
72.5723, 0.2990, 0.3135



16.6064, 0.2981, 0.3244



24.0829, 0.2075, 0.2670



2.0163, 0.2102, 0.2765

Inverse Universe

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



72.2728, 0.3164, 0.3113



83.0518, 0.3174, 0.3069



78.9709, 0.3266, 0.3440



15.2618, 0.3167, 0.3101



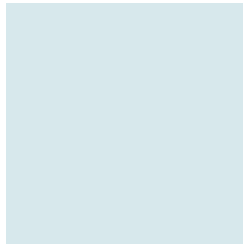
11.9240, 0.3757, 0.1843



0.9490, 0.3667, 0.1794

Previews

White Background



This preview shows how the Yxy color 78.2164, 0.2990, 0.3247 looks on a white background.

Color Contrast Check

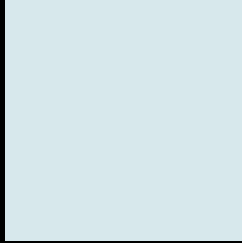
Large Text (above 18pt) WCAG AA × Fail

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 78.2164, 0.2990, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

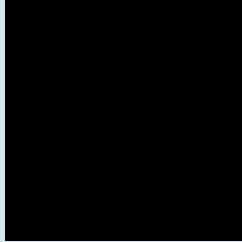
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

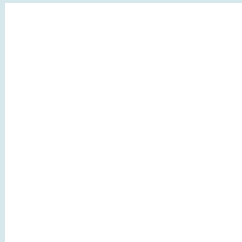
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.2164, 0.2990, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 78.2164, 0.2990, 0.3247.

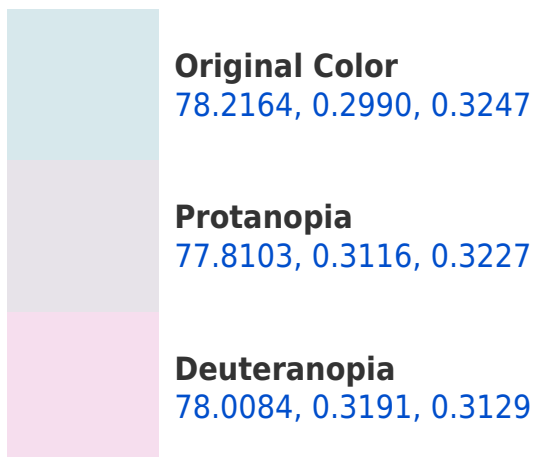


This preview shows how white text looks on a background with the Yxy color 78.2164, 0.2990, 0.3247.

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

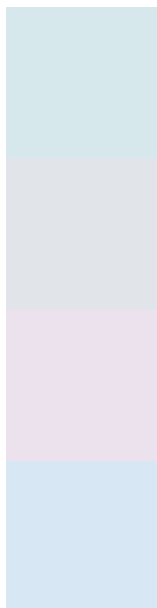




Tritanopia

78.1227, 0.2931, 0.3100

Trichromacy



Original Color

78.2164, 0.2990, 0.3247

Protanomaly

77.9867, 0.3068, 0.3237

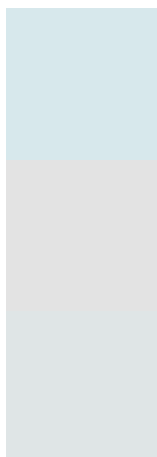
Deuteranomaly

78.1693, 0.3119, 0.3177

Tritanomaly

78.2824, 0.2948, 0.3152

Monochromacy



Original Color

78.2164, 0.2990, 0.3247

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.4398, 0.3080, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2164, 0.2990, 0.3247 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(215, 232, 236)` looks like.

```
.text, #text, p{  
    color:rgb(215, 232, 236)  
}
```

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(215, 232, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 232, 236) }
```

Border

The CSS property to change the border of an element to Yxy 78.2164, 0.2990, 0.3247 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(215, 232, 236) }
```

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

```
.border{ border-color:rgb(215, 232, 236) }
```

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

Here you see how a box with a 4 pixel rgb(215, 232, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 232, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 232, 236);  
box-shadow:4px 4px 4px 4px rgb(215, 232,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2164, 0.2990, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 232, 236) }
```

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

```
.background{ background-color: rgb(215,  
232, 236) }
```

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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