

Converting Colors

$Yxy(79.2360, 0.3073, 0.3397)$

Have a look what the booklet for
Yxy(79.2360, 0.3073, 0.3397)
contains.

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Color

Yxy(78.9792, 0.3075, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	D9EAE0
RGB	217, 234, 224
RGB Percent	85%, 92%, 88%
CMY	0.1491, 0.0823, 0.1214
CMYK	0.07, 0.00, 0.04, 0.08
HSL	145°, 29%, 88%
HSV	145°, 7%, 92%
XYZ	71.4928, 78.9792, 82.0249
YIQ	227.7770, -6.9220, -6.7140

Conversions

Conversions Part 2

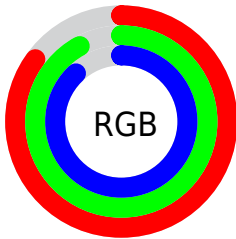
Format	Color
R _{YB}	217, 229, 234
Decimal	14281440
CIE Lab	91.22, -7.46, 2.89
CIE LCh	91, 7.996, 158.813
Yxy	78.9792, 0.3075, 0.3397
Android (android.graphics.Color)	4292471520 (0xFFD9EAE0)
YUV	227.7770, -1.8621, -9.4514
Hunter-Lab	88.8702, -11.9263, 7.4861

Details

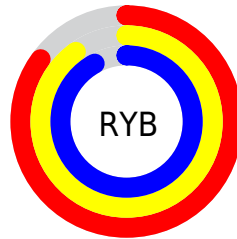
The Yxy color **78.9792, 0.3075, 0.3397** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.6539, 0.3183, 0.3185**, and the grayscale version is **77.4310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3867, 0.3061, 0.3416** is the 20% darker color. If you saturate the color by 10%, you get **74.9337, 0.3004, 0.3560**, and if you desaturate by 10%, it is **83.5997, 0.3147, 0.3252**.

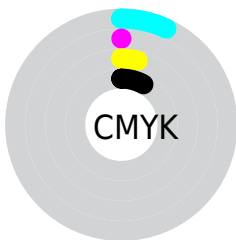
Distribution



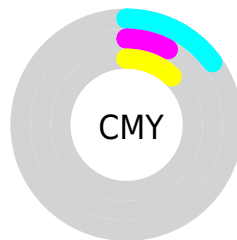
- Red (85%)
- Green (92%)
- Blue (88%)



- Red (85%)
- Yellow (90%)
- Blue (92%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (15%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.9792, 0.3075, 0.3397 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 78.9792, 0.3075, 0.3397 by changing the saturation by 10% instead.

■ 78.9792, 0.3075,
0.3397

■ 78.9792, 0.3075,
0.3397

491.4860, 0.3099,
0.3348

■ 58.8787, 0.3070,
0.3408

131.9296, 0.3083,
0.3380

■ 42.5155, 0.3063,
0.3422

165.5483, 0.3087,
0.3373

■ 29.5051, 0.3054,
0.3439

204.4418, 0.3089,
0.3368

■ 19.4633, 0.3043,
0.3462

248.9946, 0.3092,
0.3363

■ 12.0055, 0.3028,
0.3493

299.5910, 0.3094,
0.3358

■ 6.7474, 0.3006,
0.3538

356.6154, 0.3096,

■ 3.3047, 0.2972,

0.3354

420.4523, 0.3098,
0.3351

0.3607

1.2928, 0.2912,
0.3731

0.1356, 0.0000,
1.0000

78.9792, 0.3075,
0.3397

78.9792, 0.3075,
0.3397

74.9337, 0.3004,
0.3560

83.5997, 0.3147,
0.3252

71.4305, 0.2937,
0.3741

87.1022, 0.3159,
0.3121

68.4487, 0.2875,
0.3939

87.3294, 0.3137,
0.3088

65.9621, 0.2823,
0.4153

■ 63.9424, 0.2783,
0.4379

■ 62.3580, 0.2759,
0.4610

■ 61.1734, 0.2753,
0.4839

■ 60.3471, 0.2767,
0.5057

■ 59.8251, 0.2798,
0.5258

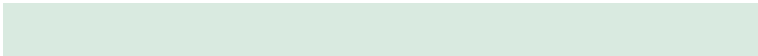
Harmonies

Analogous

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



78.9792, 0.3170, 0.3446



78.9792, 0.3075, 0.3397



78.9792, 0.2995, 0.3319

Triad

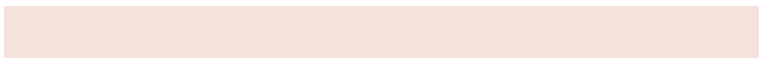
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9792, 0.3075, 0.3397



78.9792, 0.3001, 0.3132



78.9792, 0.3307, 0.3342

Complementary

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



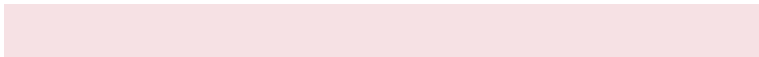
78.9792, 0.3075, 0.3397



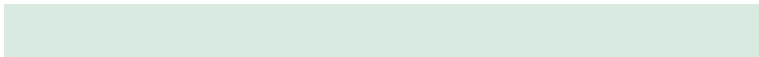
72.6539, 0.3183, 0.3185

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.



78.9792, 0.3260, 0.3260



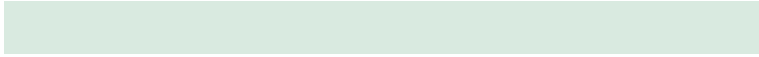
78.9792, 0.3075, 0.3397



78.9792, 0.3083, 0.3140

Square

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



78.9792, 0.3075, 0.3397



78.9792, 0.2953, 0.3166



78.9792, 0.3178, 0.3187



78.9792, 0.3304, 0.3412

Rectangle

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



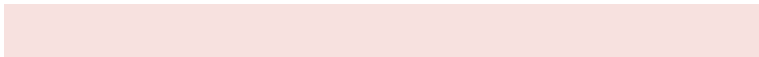
78.9792, 0.3075, 0.3397



78.9792, 0.2961, 0.3261



78.9792, 0.3178, 0.3187



78.9792, 0.3296, 0.3315

Sweetspot

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



78.9826, 0.3075, 0.3397



98.8547, 0.3113, 0.3319



80.2213, 0.3188, 0.3471



21.1710, 0.3113, 0.3317



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.



78.9826, 0.3075, 0.3397



95.0688, 0.3062, 0.3424



79.4421, 0.3025, 0.3308



16.9657, 0.3059, 0.3431



33.5768, 0.2800, 0.5280



2.6553, 0.2723, 0.5004

Inverse Universe

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



72.6539, 0.3183, 0.3185



85.6237, 0.3198, 0.3159



72.2086, 0.3240, 0.3272



15.2020, 0.3201, 0.3153



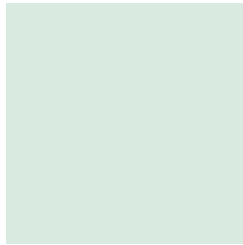
10.8703, 0.4598, 0.2306



0.8727, 0.4353, 0.2171

Previews

White Background



This preview shows how the Yxy color 78.9792, 0.3075, 0.3397 looks on a white background.

Color Contrast Check

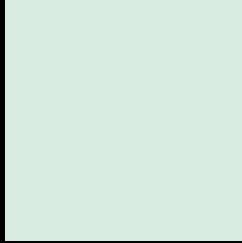
Large Text (above 18pt) WCAG AA × Fail

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 78.9792, 0.3075, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

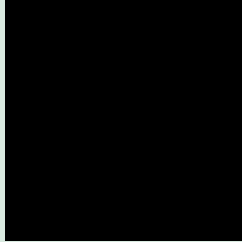
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

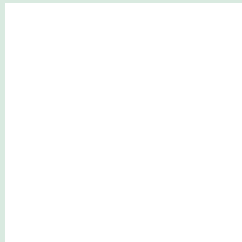
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.9792, 0.3075, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 78.9792, 0.3075, 0.3397.

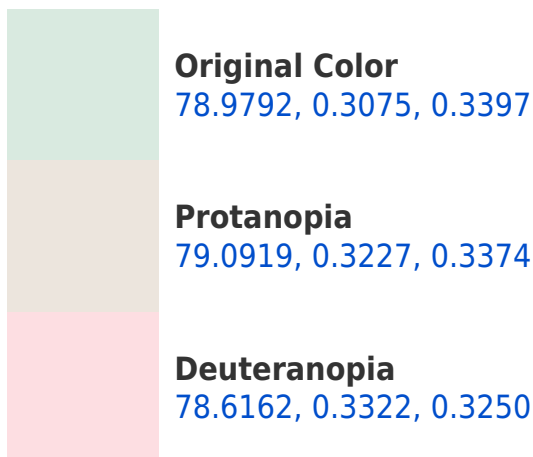


This preview shows how white text looks on a background with the Yxy color 78.9792, 0.3075, 0.3397.

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

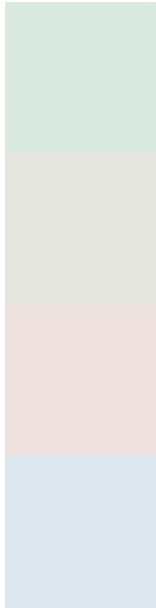




Tritanopia

78.8053, 0.2951, 0.3092

Trichromacy



Original Color

78.9792, 0.3075, 0.3397

Protanomaly

79.0838, 0.3171, 0.3385

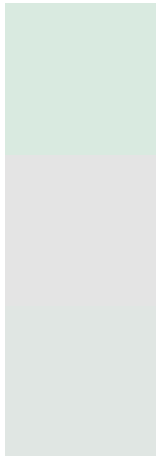
Deuteranomaly

78.3542, 0.3232, 0.3301

Tritanomaly

78.6587, 0.2998, 0.3195

Monochromacy



Original Color

78.9792, 0.3075, 0.3397

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.9870, 0.3105, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9792, 0.3075, 0.3397 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(217, 234, 224)` looks like.

```
.text, #text, p{  
    color:rgb(217, 234, 224)  
}
```

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(217, 234, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 234, 224) }
```

Border

The CSS property to change the border of an element to Yxy 78.9792, 0.3075, 0.3397 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(217, 234, 224) }
```

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

```
.border{ border-color:rgb(217, 234, 224) }
```

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

Here you see how a box with a 4 pixel rgb(217, 234, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 234, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 234, 224);  
box-shadow:4px 4px 4px 4px rgb(217, 234,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9792, 0.3075, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 234, 224) }
```

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

```
.background{ background-color: rgb(217,  
234, 224) }
```

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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