

Converting Colors

$Yxy(79.7023, 0.2991, 0.3217)$

Have a look what the booklet for
Yxy(79.7023, 0.2991, 0.3217)
contains.

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Color

Yxy(79.6292, 0.2992, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	DBE9F0
RGB	219, 233, 240
RGB Percent	86%, 91%, 94%
CMY	0.1411, 0.0863, 0.0589
CMYK	0.09, 0.03, 0.00, 0.06
HSL	200°, 41%, 90%
HSV	200°, 9%, 94%
XYZ	74.0829, 79.6292, 93.8911
YIQ	229.6120, -10.5910, -0.7910

Conversions

Conversions Part 2

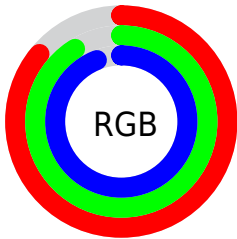
Format	Color
R _{YB}	219, 227, 240
Decimal	14412272
CIE Lab	91.52, -3.29, -4.99
CIE LCh	92, 5.977, 236.561
Yxy	79.6292, 0.2992, 0.3216
Android (android.graphics.Color)	4292602352 (0xFFDBE9F0)
YUV	229.6120, 5.1213, -9.3067
Hunter-Lab	89.2352, -7.9712, 0.0811

Details

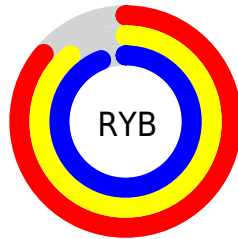
The Yxy color **79.6292, 0.2992, 0.3216** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.0338, 0.3272, 0.3363**, and the grayscale version is **78.8000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7975, 0.2962, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **71.7497, 0.2836, 0.3123**, and if you desaturate by 10%, it is **88.2571, 0.3147, 0.3300**.

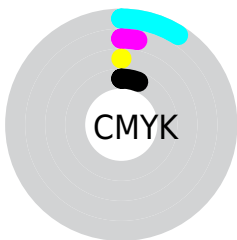
Distribution



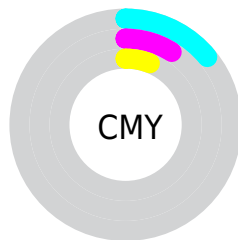
- Red (86%)
- Green (91%)
- Blue (94%)



- Red (86%)
- Yellow (89%)
- Blue (94%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.6292, 0.2992, 0.3216 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 79.6292, 0.2992, 0.3216 by changing the saturation by 10% instead.

■ 79.6292, 0.2992,
0.3216

■ 79.6292, 0.2992,
0.3216

493.6823, 0.3053,
0.3250

■ 59.4133, 0.2978,
0.3208

132.8443, 0.3013,
0.3228

■ 42.9459, 0.2961,
0.3199

166.6122, 0.3021,
0.3232

■ 29.8427, 0.2940,
0.3187

205.6663, 0.3028,
0.3236

■ 19.7192, 0.2913,
0.3171

250.3909, 0.3035,
0.3240

■ 12.1911, 0.2876,
0.3150

301.1704, 0.3040,
0.3243

■ 6.8740, 0.2824,
0.3120

358.3892, 0.3045,

■ 3.3834, 0.2746,

0.3246

0.3073

422.4317, 0.3049,
0.3248

■ 1.3350, 0.2613,
0.2991

■ 0.1681, 0.1018,
0.2157

■ 79.6292, 0.2992,
0.3216

■ 79.6292, 0.2992,
0.3216

■ 71.7497, 0.2836,
0.3123

■ 88.2571, 0.3147,
0.3300

■ 64.5831, 0.2682,
0.3021

■ 95.2963, 0.3219,
0.3377

■ 58.1054, 0.2533,
0.2910

■ 99.0704, 0.3215,
0.3434

■ 52.2873, 0.2392,
0.2793

■ 47.0971, 0.2264,
0.2669

■ 42.4995, 0.2152,
0.2542

■ 38.4547, 0.2059,
0.2413

■ 34.9163, 0.1987,
0.2284

■ 31.8171, 0.1935,
0.2159

Harmonies

Analogous

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



79.6292, 0.3005, 0.3274



79.6292, 0.2992, 0.3216



79.6292, 0.3015, 0.3179

Triad

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



79.6292, 0.2992, 0.3216



79.6292, 0.3204, 0.3244



79.6292, 0.3187, 0.3411

Complementary

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



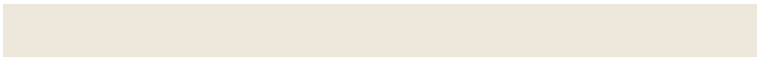
79.6292, 0.2992, 0.3216



78.0338, 0.3272, 0.3363

Split Complementary

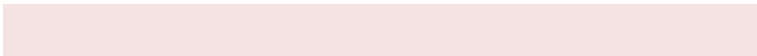
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6292, 0.3241, 0.3402



79.6292, 0.2992, 0.3216



79.6292, 0.3251, 0.3305

Square

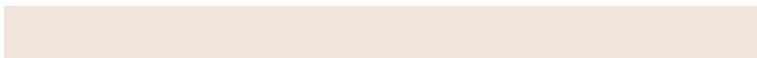
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6292, 0.2992, 0.3216



79.6292, 0.3136, 0.3196



79.6292, 0.3264, 0.3362



79.6292, 0.3117, 0.3388

Rectangle

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



79.6292, 0.2992, 0.3216



79.6292, 0.3047, 0.3171



79.6292, 0.3264, 0.3362



79.6292, 0.3207, 0.3412

Sweetspot

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



79.6326, 0.2992, 0.3216



96.9626, 0.3081, 0.3265



82.8475, 0.3077, 0.3442



20.5831, 0.3068, 0.3259



0.0000, 0.0000, 0.0000



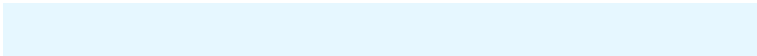
21.4041, 0.3127, 0.3290

Same Dimension

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



79.6326, 0.2992, 0.3216



90.1796, 0.2972, 0.3204



74.0567, 0.2992, 0.3107



16.9900, 0.2980, 0.3209



17.4706, 0.1934, 0.2163



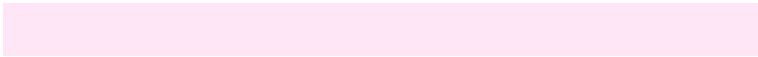
1.6354, 0.1980, 0.2329

Inverse Universe

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



75.0800, 0.3184, 0.3146



84.2606, 0.3193, 0.3124



83.7112, 0.3261, 0.3466



15.9367, 0.3189, 0.3134



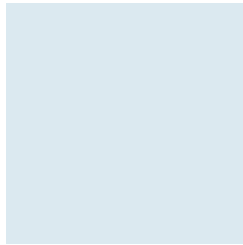
11.5570, 0.4272, 0.2127



0.9798, 0.4096, 0.2030

Previews

White Background



This preview shows how the Yxy color 79.6292, 0.2992, 0.3216 looks on a white background.

Color Contrast Check

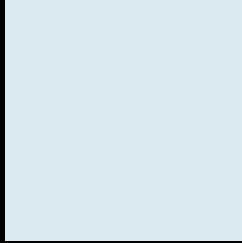
Large Text (above 18pt) WCAG AA × Fail

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 79.6292, 0.2992, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

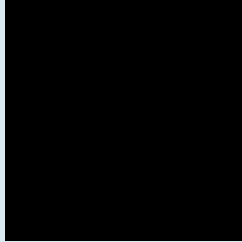
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

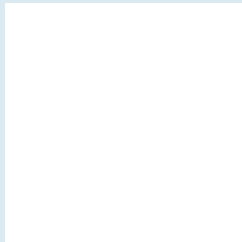
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.6292, 0.2992, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 79.6292, 0.2992, 0.3216.

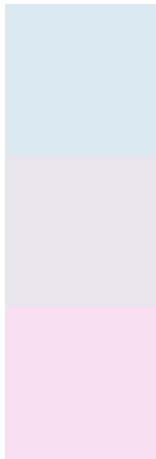


This preview shows how white text looks on a background with the Yxy color 79.6292, 0.2992, 0.3216.

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

79.6292, 0.2992, 0.3216

Protanopia

79.3675, 0.3091, 0.3197

Deuteranopia

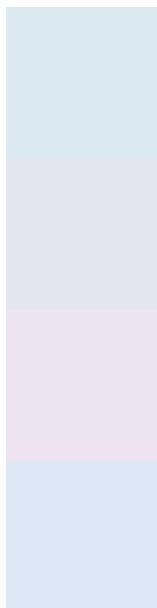
79.6786, 0.3177, 0.3110



Tritanopia

79.4261, 0.2945, 0.3092

Trichromacy



Original Color

79.6292, 0.2992, 0.3216

Protanomaly

79.1565, 0.3051, 0.3196

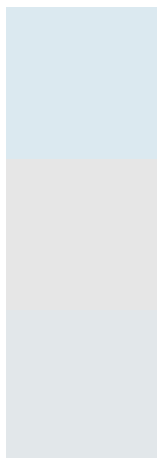
Deuteranomaly

79.2936, 0.3106, 0.3147

Tritanomaly

79.5827, 0.2963, 0.3143

Monochromacy



Original Color

79.6292, 0.2992, 0.3216

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.2611, 0.3075, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6292, 0.2992, 0.3216 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(219, 233, 240)` looks like.

```
.text, #text, p{  
    color:rgb(219, 233, 240)  
}
```

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(219, 233, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 233, 240) }
```

Border

The CSS property to change the border of an element to Yxy 79.6292, 0.2992, 0.3216 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(219, 233, 240) }
```

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

```
.border{ border-color:rgb(219, 233, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 233, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 233, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 233, 240);  
box-shadow:4px 4px 4px 4px rgb(219, 233,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6292, 0.2992, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 233, 240) }
```

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

```
.background{ background-color: rgb(219,  
233, 240) }
```

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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