

Converting Colors

$Yxy(75.9767, 0.3021, 0.3261)$

Have a look what the booklet for
Yxy(75.9767, 0.3021, 0.3261)
contains.

Yxy(75.7034, 0.3020, 0.3257)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.7034, 0.3020, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	D7E4E7
RGB	215, 228, 231
RGB Percent	84%, 89%, 91%
CMY	0.1569, 0.1059, 0.0940
CMYK	0.07, 0.01, 0.00, 0.09
HSL	191°, 25%, 87%
HSV	191°, 7%, 91%
XYZ	70.1947, 75.7034, 86.5348
YIQ	224.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

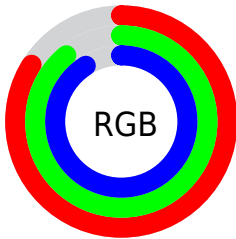
Format	Color
RYP	215, 222, 231
Decimal	14148839
CIELab	89.72, -3.74, -2.98
CIELCh	90, 4.784, 218.499
Yxy	75.7034, 0.3020, 0.3257
Android (android.graphics.Color)	4292338919 (0xFFD7E4E7)
YUV	224.4550, 3.2267, -8.2920
Hunter-Lab	87.0077, -8.2560, 1.9377

Details

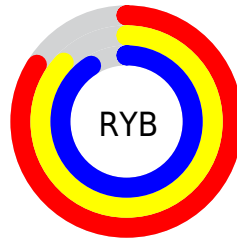
The Yxy color **75.7034, 0.3020, 0.3257** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0583, 0.3242, 0.3323**, and the grayscale version is **74.8679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4559, 0.2997, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **70.0815, 0.2868, 0.3206**, and if you desaturate by 10%, it is **81.8861, 0.3175, 0.3304**.

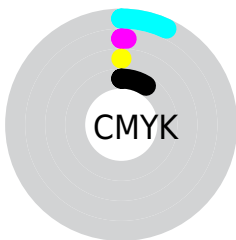
Distribution



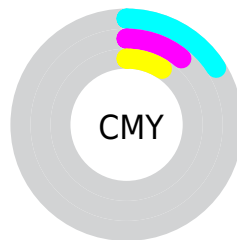
- Red (84%)
- Green (89%)
- Blue (91%)



- Red (84%)
- Yellow (87%)
- Blue (91%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7034, 0.3020, 0.3257 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 75.7034, 0.3020, 0.3257 by changing the saturation by 10% instead.

■ 75.7034, 0.3020,
0.3257

■ 75.7034, 0.3020,
0.3257

480.3318, 0.3069,
0.3272

■ 56.1893, 0.3009,
0.3253

127.3076, 0.3037,
0.3262

■ 40.3547, 0.2995,
0.3249

160.1664, 0.3044,
0.3264

■ 27.8152, 0.2978,
0.3243

198.2424, 0.3049,
0.3266

■ 18.1864, 0.2955,
0.3236

241.9198, 0.3054,
0.3268

■ 11.0839, 0.2925,
0.3226

291.5830, 0.3059,
0.3269

■ 6.1233, 0.2881,
0.3211

347.6165, 0.3063,

■ 2.9202, 0.2814,

0.3270

0.3187

410.4046, 0.3066,
0.3272

■ 1.0902, 0.2696,
0.3144

■ 0.0000, 0.0000,
0.0000

■ 75.7034, 0.3020,
0.3257

■ 75.7034, 0.3020,
0.3257

■ 70.0815, 0.2868,
0.3206

■ 81.8861, 0.3175,
0.3304

■ 64.9899, 0.2721,
0.3150

■ 87.4435, 0.3287,
0.3347

■ 60.4093, 0.2583,
0.3089

■ 89.9976, 0.3282,
0.3389

■ 56.3154, 0.2456,
0.3026

■ 92.6136, 0.3277,
0.3431

■ 52.6818, 0.2345,
0.2959

■ 95.2920, 0.3273,
0.3473

■ 49.4793, 0.2251,
0.2891

■ 98.0331, 0.3268,
0.3514

■ 46.6749, 0.2175,
0.2822

■ 98.5512, 0.3268,
0.3522

■ 44.2298, 0.2120,
0.2753

■ 42.0944, 0.2083,
0.2685

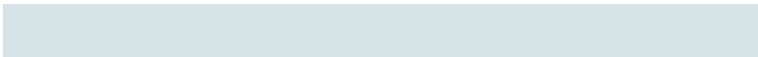
Harmonies

Analogous

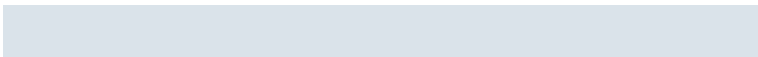
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7034, 0.3047, 0.3308



75.7034, 0.3020, 0.3257



75.7034, 0.3021, 0.3215

Triad

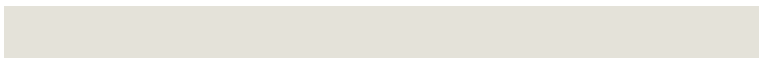
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7034, 0.3020, 0.3257



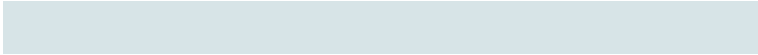
75.7034, 0.3158, 0.3227



75.7034, 0.3204, 0.3387

Complementary

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



75.7034, 0.3020, 0.3257



72.0583, 0.3242, 0.3323

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.



75.7034, 0.3235, 0.3364



75.7034, 0.3020, 0.3257



75.7034, 0.3207, 0.3272

Square

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



75.7034, 0.3020, 0.3257



75.7034, 0.3100, 0.3198



75.7034, 0.3236, 0.3322



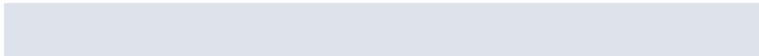
75.7034, 0.3154, 0.3384

Rectangle

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



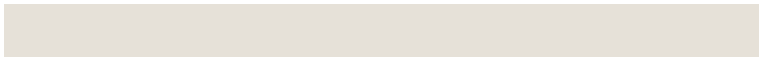
75.7034, 0.3020, 0.3257



75.7034, 0.3038, 0.3198



75.7034, 0.3236, 0.3322



75.7034, 0.3217, 0.3382

Sweetspot

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



75.7066, 0.3020, 0.3257



98.4324, 0.3096, 0.3281



76.6747, 0.3101, 0.3433



21.0851, 0.3098, 0.3281



0.0000, 0.0000, 0.0000



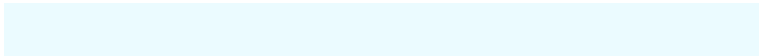
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7066, 0.3020, 0.3257



93.9001, 0.3003, 0.3252



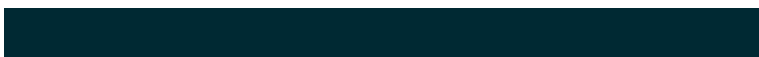
71.4456, 0.3021, 0.3171



15.8492, 0.2981, 0.3245



23.4189, 0.2077, 0.2675



1.8504, 0.2104, 0.2775

Inverse Universe

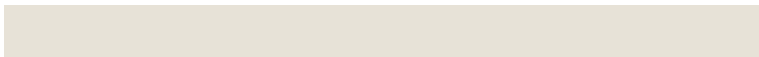
The Inverse Universe completely reimagines the original color for something new.



71.1973, 0.3156, 0.3152



87.4221, 0.3160, 0.3130



76.2681, 0.3235, 0.3407



14.5661, 0.3167, 0.3101



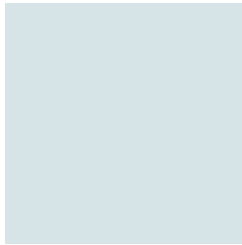
11.5619, 0.3752, 0.1840



0.8665, 0.3658, 0.1789

Previews

White Background



This preview shows how the Yxy color 75.7034, 0.3020, 0.3257 looks on a white background.

Color Contrast Check

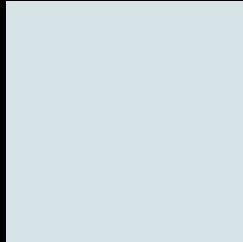
Large Text (above 18pt) WCAG AA × Fail

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 75.7034, 0.3020, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

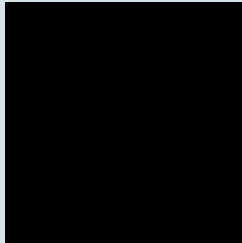
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

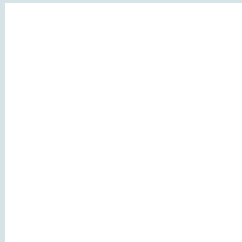
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7034, 0.3020, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 75.7034, 0.3020, 0.3257.

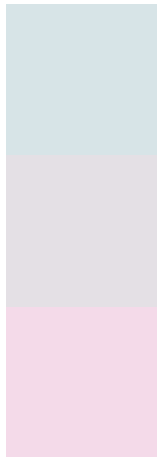


This preview shows how white text looks on a background with the Yxy color 75.7034, 0.3020, 0.3257.

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

75.7034, 0.3020, 0.3257

Protanopia

75.4624, 0.3123, 0.3237

Deuteranopia

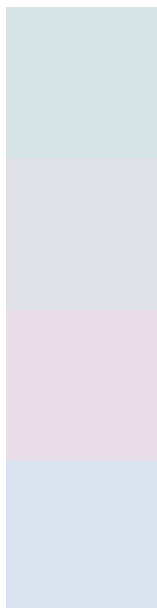
75.2591, 0.3213, 0.3137



Tritanopia

75.6761, 0.2954, 0.3099

Trichromacy



Original Color

75.7034, 0.3020, 0.3257

Protanomaly

75.2516, 0.3081, 0.3237

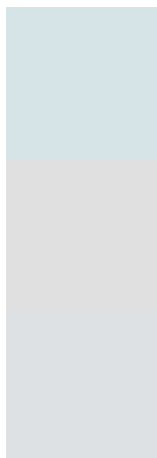
Deuteranomaly

75.3924, 0.3139, 0.3186

Tritanomaly

75.7691, 0.2978, 0.3162

Monochromacy



Original Color

75.7034, 0.3020, 0.3257

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.7686, 0.3087, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7034, 0.3020, 0.3257 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, 228, 231)` looks like.

```
.text, #text, p{  
    color:rgb(215, 228, 231)  
}
```

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, 228, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 228, 231) }
```

Border

The CSS property to change the border of an element to Yxy 75.7034, 0.3020, 0.3257 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, 228, 231) }
```

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

```
.border{ border-color:rgb(215, 228, 231) }
```

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

Here you see how a box with a 4 pixel rgb(215, 228, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(215, 228,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7034, 0.3020, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 228, 231) }
```

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

```
.background{ background-color: rgb(215,  
228, 231) }
```

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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