

Converting Colors

$Y_{xy}(75.8960, 0.2958, 0.3143)$

Have a look what the booklet for
Yxy(75.8960, 0.2958, 0.3143)
contains.

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Color

Yxy(75.7361, 0.2959, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	D7E3F1
RGB	215, 227, 241
RGB Percent	84%, 89%, 95%
CMY	0.1569, 0.1098, 0.0548
CMYK	0.11, 0.06, 0.00, 0.05
HSL	212°, 48%, 89%
HSV	212°, 11%, 95%
XYZ	71.3704, 75.7361, 94.0913
YIQ	225.0080, -11.6460, 1.8100

Conversions

Conversions Part 2

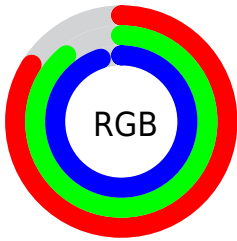
Format	Color
R _{YB}	215, 223, 241
Decimal	14148593
CIE Lab	89.74, -1.30, -8.19
CIE LCh	90, 8.297, 260.982
Yxy	75.7361, 0.2959, 0.3140
Android (android.graphics.Color)	4292338673 (0xFFD7E3F1)
YUV	225.0080, 7.8841, -8.7770
Hunter-Lab	87.0265, -5.9085, -3.1846

Details

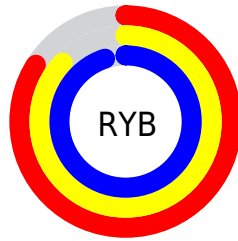
The Yxy color **75.7361, 0.2959, 0.3140** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.6520, 0.3303, 0.3436**, and the grayscale version is **75.2512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4814, 0.2919, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **65.5220, 0.2796, 0.2984**, and if you desaturate by 10%, it is **87.0290, 0.3115, 0.3280**.

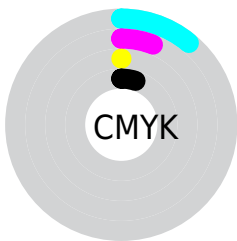
Distribution



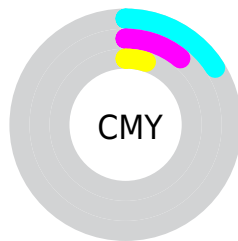
- Red (84%)
- Green (89%)
- Blue (95%)



- Red (84%)
- Yellow (87%)
- Blue (95%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7361, 0.2959, 0.3140 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 75.7361, 0.2959, 0.3140 by changing the saturation by 10% instead.

■ 75.7361, 0.2959,
0.3140

■ 75.7361, 0.2959,
0.3140

480.4438, 0.3036,
0.3209

■ 56.2161, 0.2942,
0.3124

127.3538, 0.2986,
0.3164

■ 40.3762, 0.2920,
0.3105

160.2203, 0.2996,
0.3173

■ 27.8320, 0.2893,
0.3081

198.3045, 0.3005,
0.3181

■ 18.1991, 0.2858,
0.3049

241.9907, 0.3013,
0.3188

■ 11.0930, 0.2811,
0.3006

291.6634, 0.3020,
0.3194

■ 6.1294, 0.2743,
0.2944

347.7068, 0.3026,

■ 2.9239, 0.2640,

0.3200

0.2849

410.5055, 0.3031,
0.3205

■ 1.0922, 0.2461,
0.2683

■ 0.0000, 0.0000,
0.0000

■ 75.7361, 0.2959,
0.3140

■ 75.7361, 0.2959,
0.3140

■ 65.5220, 0.2796,
0.2984

■ 87.0290, 0.3115,
0.3280

■ 56.3422, 0.2629,
0.2812

■ 97.8371, 0.3210,
0.3405

■ 48.1625, 0.2461,
0.2625

■ 99.1321, 0.3208,
0.3424

■ 40.9432, 0.2297,
0.2425

■ 34.6411, 0.2143,
0.2217

■ 29.2094, 0.2004,
0.2004

■ 24.5954, 0.1886,
0.1794

■ 20.7384, 0.1793,
0.1594

■ 17.7765, 0.1729,
0.1423

Harmonies

Analogous

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



75.7361, 0.2937, 0.3198



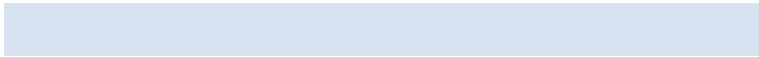
75.7361, 0.2959, 0.3140



75.7361, 0.3026, 0.3122

Triad

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



75.7361, 0.2959, 0.3140



75.7361, 0.3293, 0.3294



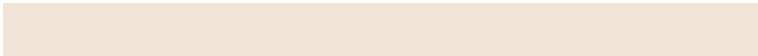
75.7361, 0.3131, 0.3438

Complementary

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



75.7361, 0.2959, 0.3140



79.6520, 0.3303, 0.3436

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.



75.7361, 0.3227, 0.3463



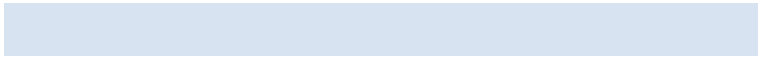
75.7361, 0.2959, 0.3140



75.7361, 0.3322, 0.3377

Square

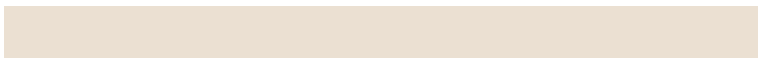
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7361, 0.2959, 0.3140



75.7361, 0.3219, 0.3210



75.7361, 0.3298, 0.3440



75.7361, 0.3035, 0.3372

Rectangle

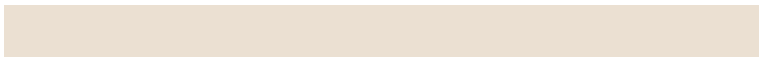
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7361, 0.2959, 0.3140



75.7361, 0.3088, 0.3135



75.7361, 0.3298, 0.3440



75.7361, 0.3164, 0.3452

Sweetspot

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



75.7393, 0.2959, 0.3140



95.9780, 0.3081, 0.3250



83.0188, 0.3032, 0.3419



20.3173, 0.3069, 0.3239



0.0000, 0.0000, 0.0000



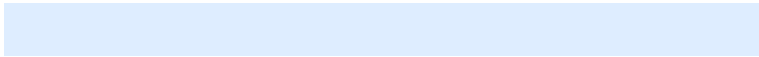
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7393, 0.2959, 0.3140



83.3823, 0.2923, 0.3107



69.5256, 0.2963, 0.3009



16.4312, 0.2980, 0.3159



9.9014, 0.1737, 0.1453



1.0207, 0.1806, 0.1702

Inverse Universe

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



72.8469, 0.3235, 0.3166



79.5462, 0.3261, 0.3139



86.3809, 0.3282, 0.3557



15.8802, 0.3221, 0.3181



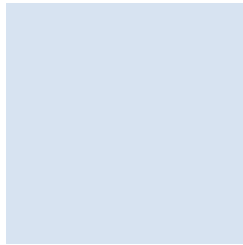
10.7929, 0.5121, 0.2595



0.9178, 0.4804, 0.2420

Previews

White Background



This preview shows how the Yxy color 75.7361, 0.2959, 0.3140 looks on a white background.

Color Contrast Check

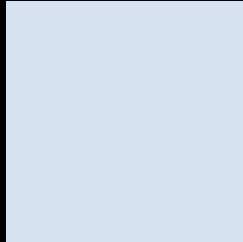
Large Text (above 18pt) WCAG AA × Fail

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 75.7361, 0.2959, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

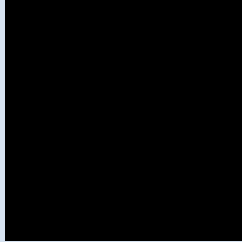
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

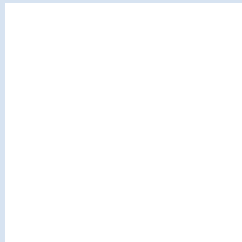
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7361, 0.2959, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 75.7361, 0.2959, 0.3140.



This preview shows how white text looks on a background with the Yxy color 75.7361, 0.2959, 0.3140.

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

75.7361, 0.2959, 0.3140

Protanopia

75.5509, 0.3038, 0.3132

Deuteranopia

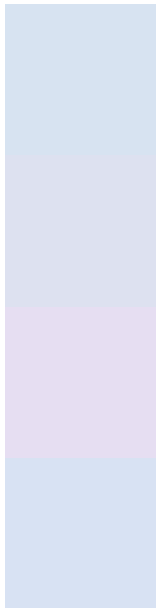
75.4848, 0.3110, 0.3045



Tritanopia

75.5233, 0.2948, 0.3098

Trichromacy



Original Color

75.7361, 0.2959, 0.3140

Protanomaly

75.5138, 0.3005, 0.3131

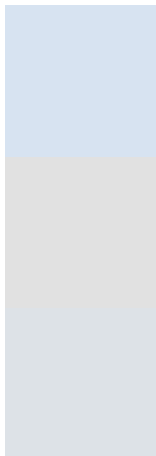
Deuteranomaly

75.4764, 0.3054, 0.3082

Tritanomaly

75.4627, 0.2954, 0.3109

Monochromacy



Original Color

75.7361, 0.2959, 0.3140

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.5344, 0.3061, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7361, 0.2959, 0.3140 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, 227, 241)` looks like.

```
.text, #text, p{  
    color:rgb(215, 227, 241)  
}
```

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, 227, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 227, 241) }
```

Border

The CSS property to change the border of an element to Yxy 75.7361, 0.2959, 0.3140 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, 227, 241) }
```

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

```
.border{ border-color:rgb(215, 227, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 227, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 227, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 227, 241);  
box-shadow:4px 4px 4px 4px rgb(215, 227,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7361, 0.2959, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 227, 241) }
```

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

```
.background{ background-color: rgb(215,  
227, 241) }
```

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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