

Converting Colors

$Yxy(61.8755, 0.2710, 0.2973)$

Have a look what the booklet for
Yxy(61.8755, 0.2710, 0.2973)
contains.

Yxy(61.8755, 0.2710, 0.2973)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.8755, 0.2710, 0.2973)

Conversions

Conversions Part 1

Format	Color
Hex	AFD3EE
RGB	175, 211, 238
RGB Percent	69%, 83%, 93%
CMY	0.3138, 0.1725, 0.0667
CMYK	0.26, 0.11, 0.00, 0.07
HSL	206°, 65%, 81%
HSV	206°, 26%, 93%
XYZ	56.4018, 61.8755, 89.8475
YIQ	203.3140, -30.1230, 0.7650

Conversions

Conversions Part 2

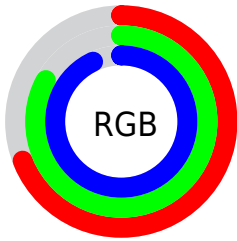
Format	Color
R _Y B	175, 198, 238
Decimal	11523054
CIE Lab	82.85, -5.90, -17.16
CIE LCh	83, 18.150, 251.035
Yxy	61.8755, 0.2710, 0.2973
Android (android.graphics.Color)	4289713134 (0xFFAFD3EE)
YUV	203.3140, 17.1002, -24.8314
Hunter-Lab	78.6610, -9.6679, -12.6590

Details

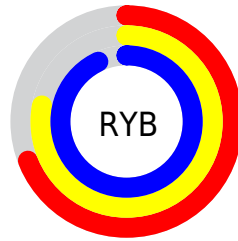
The Yxy color **61.8755, 0.2710, 0.2973** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.4940, 0.3621, 0.3587**, and the grayscale version is **59.8328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **31.5563, 0.2609, 0.2901** is the 20% darker color. If you saturate the color by 10%, you get **54.4583, 0.2551, 0.2831**, and if you desaturate by 10%, it is **70.1039, 0.2870, 0.3103**.

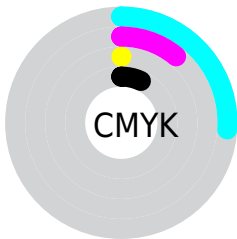
Distribution



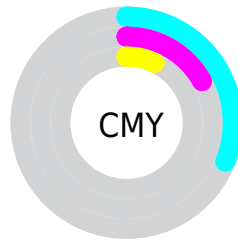
- Red (69%)
- Green (83%)
- Blue (93%)



- Red (69%)
- Yellow (78%)
- Blue (93%)



- Cyan (26%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (31%)
- Magenta (17%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8755, 0.2710, 0.2973 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 61.8755, 0.2710, 0.2973 by changing the saturation by 10% instead.

■ 61.8755, 0.2710,
0.2973

■ 61.8755, 0.2710,
0.2973

431.4768, 0.2906,
0.3125

■ 44.9321, 0.2665,
0.2937

■ 107.5456, 0.2778,
0.3027

■ 31.4040, 0.2608,
0.2892

137.0410, 0.2805,
0.3047

■ 20.9066, 0.2537,
0.2835

171.4893, 0.2828,
0.3065

■ 13.0558, 0.2443,
0.2758

211.2748, 0.2847,
0.3080

■ 7.4670, 0.2314,
0.2651

256.7819, 0.2865,
0.3093

■ 3.7558, 0.2127,
0.2492

308.3950, 0.2880,

■ 1.5379, 0.1837,

0.3105

0.2236

366.4985, 0.2894,
0.3115

0.3152, 0.0728,
0.1475

0.0000, 0.0000,
0.0000

61.8755, 0.2710,
0.2973

61.8755, 0.2710,
0.2973

54.4583, 0.2551,
0.2831

70.1039, 0.2870,
0.3103

47.8136, 0.2398,
0.2679

79.1655, 0.3027,
0.3220

41.9099, 0.2254,
0.2519

89.0904, 0.3181,
0.3326

36.7103, 0.2124,
0.2352

96.9106, 0.3229,
0.3423

■ 32.1733, 0.2012,
0.2184

■ 98.9522, 0.3226,
0.3454

■ 28.2516, 0.1922,
0.2017

■ 24.8870, 0.1854,
0.1856

■ 23.8020, 0.1833,
0.1800

Harmonies

Analogous

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



61.8755, 0.2697, 0.3130



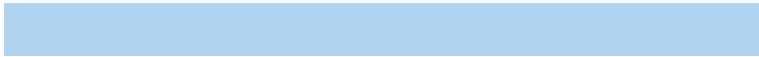
61.8755, 0.2710, 0.2973



61.8755, 0.2830, 0.2906

Triad

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



61.8755, 0.2710, 0.2973



61.8755, 0.3469, 0.3228



61.8755, 0.3209, 0.3677

Complementary

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



61.8755, 0.2710, 0.2973



63.4940, 0.3621, 0.3587

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.



61.8755, 0.3423, 0.3691



61.8755, 0.2710, 0.2973



61.8755, 0.3578, 0.3423

Square

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



61.8755, 0.2710, 0.2973



61.8755, 0.3266, 0.3053



61.8755, 0.3560, 0.3594



61.8755, 0.2980, 0.3546

Rectangle

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



61.8755, 0.2710, 0.2973



61.8755, 0.2958, 0.2916



61.8755, 0.3560, 0.3594



61.8755, 0.3286, 0.3695

Sweetspot

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



61.8780, 0.2710, 0.2973



90.8866, 0.3003, 0.3203



74.4817, 0.2941, 0.3724



19.1022, 0.2979, 0.3186



0.0000, 0.0000, 0.0000



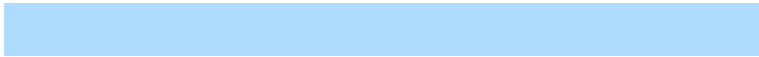
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8780, 0.2710, 0.2973



67.3665, 0.2620, 0.2894



48.0236, 0.2674, 0.2595



16.7293, 0.2980, 0.3186



13.5429, 0.1840, 0.1825



1.3237, 0.1899, 0.2035

Inverse Universe

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



53.5338, 0.3378, 0.2901



56.4711, 0.3448, 0.2814



79.3979, 0.3540, 0.3901



15.9103, 0.3204, 0.3156



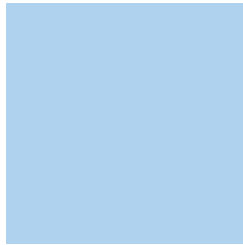
11.1605, 0.4656, 0.2339



0.9483, 0.4413, 0.2205

Previews

White Background



This preview shows how the Yxy color 61.8755, 0.2710, 0.2973 looks on a white background.

Color Contrast Check

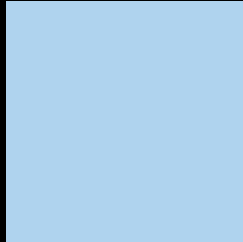
Large Text (above 18pt) WCAG AA × Fail

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 61.8755, 0.2710, 0.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

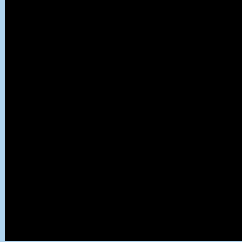
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

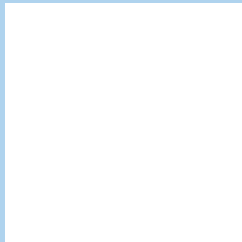
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8755, 0.2710, 0.2973

Background



This preview shows how black text looks on a background with the Yxy color 61.8755, 0.2710, 0.2973.



This preview shows how white text looks on a background with the Yxy color 61.8755, 0.2710, 0.2973.

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

61.8755, 0.2710, 0.2973

Protanopia

61.5438, 0.2902, 0.2950

Deuteranopia

61.6199, 0.2919, 0.2859



Tritanopia

61.6283, 0.2750, 0.3086

Trichromacy



Original Color

61.8755, 0.2710, 0.2973

Protanomaly

61.8303, 0.2835, 0.2968

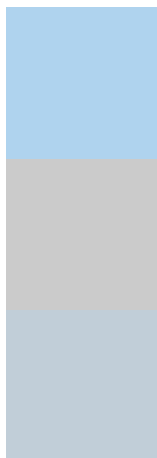
Deuteranomaly

61.7650, 0.2843, 0.2905

Tritanomaly

61.9118, 0.2739, 0.3052

Monochromacy



Original Color

61.8755, 0.2710, 0.2973

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.4379, 0.2963, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8755, 0.2710, 0.2973 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(175, 211, 238)` looks like.

```
.text, #text, p{  
    color:rgb(175, 211, 238)  
}
```

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(175, 211, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 211, 238) }
```

Border

The CSS property to change the border of an element to Yxy 61.8755, 0.2710, 0.2973 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(175, 211, 238) }
```

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

```
.border{ border-color:rgb(175, 211, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 211, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 211, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 211, 238);  
box-shadow:4px 4px 4px 4px rgb(175, 211,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8755, 0.2710, 0.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 211, 238) }
```

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

```
.background{ background-color: rgb(175,  
211, 238) }
```

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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