

Converting Colors

$Yxy(61.9825, 0.2777, 0.2996)$

Have a look what the booklet for
Yxy(61.9825, 0.2777, 0.2996)
contains.

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Color

Yxy(62.1586, 0.2777, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	B7D2EB
RGB	183, 210, 235
RGB Percent	72%, 82%, 92%
CMY	0.2826, 0.1764, 0.0785
CMYK	0.22, 0.11, 0.00, 0.08
HSL	209°, 57%, 82%
HSV	209°, 22%, 92%
XYZ	57.5573, 62.1586, 87.5485
YIQ	204.7770, -24.1170, 2.0510

Conversions

Conversions Part 2

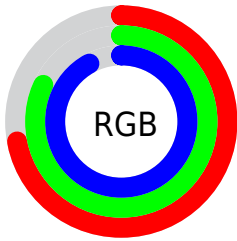
Format	Color
R _{YB}	183, 201, 235
Decimal	12047083
CIE Lab	83.00, -3.70, -15.29
CIE LCh	83, 15.732, 256.406
Yxy	62.1586, 0.2777, 0.2999
Android (android.graphics.Color)	4290237163 (0xFFB7D2EB)
YUV	204.7770, 14.8999, -19.0984
Hunter-Lab	78.8407, -7.6581, -10.6499

Details

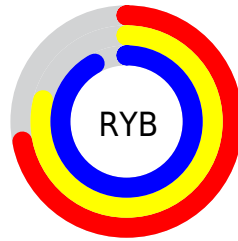
The Yxy color **62.1586, 0.2777, 0.2999** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.1399, 0.3521, 0.3564**, and the grayscale version is **60.8111, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **31.6987, 0.2692, 0.2935** is the 20% darker color. If you saturate the color by 10%, you get **54.1458, 0.2614, 0.2845**, and if you desaturate by 10%, it is **71.0494, 0.2938, 0.3139**.

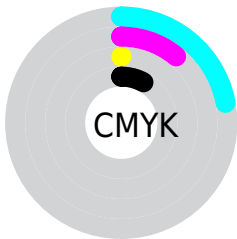
Distribution



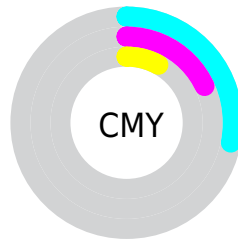
- Red (72%)
- Green (82%)
- Blue (92%)



- Red (72%)
- Yellow (79%)
- Blue (92%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (8%)



- Cyan (28%)
- Magenta (18%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1586, 0.2777, 0.2999 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 62.1586, 0.2777, 0.2999 by changing the saturation by 10% instead.

■ 62.1586, 0.2777,
0.2999

■ 62.1586, 0.2777,
0.2999

432.5094, 0.2942,
0.3138

■ 45.1609, 0.2739,
0.2966

■ 107.9547, 0.2835,
0.3048

■ 31.5842, 0.2691,
0.2926

137.5219, 0.2857,
0.3067

■ 21.0441, 0.2630,
0.2873

172.0477, 0.2876,
0.3083

■ 13.1562, 0.2550,
0.2803

211.9164, 0.2893,
0.3097

■ 7.5362, 0.2440,
0.2706

257.5126, 0.2907,
0.3109

■ 3.7996, 0.2278,
0.2562

309.2205, 0.2920,

■ 1.5621, 0.2023,

0.3120

0.2329

367.4247, 0.2932,
0.3129

0.3319, 0.1090,
0.1606

0.0000, 0.0000,
0.0000

62.1586, 0.2777,
0.2999

62.1586, 0.2777,
0.2999

54.1458, 0.2614,
0.2845

71.0494, 0.2938,
0.3139

46.9716, 0.2453,
0.2678

80.8406, 0.3094,
0.3265

40.6043, 0.2297,
0.2501

91.5631, 0.3244,
0.3377

35.0068, 0.2153,
0.2315

98.7772, 0.3244,
0.3483

■ 30.1383, 0.2025,
0.2126

■ 25.9530, 0.1918,
0.1939

■ 22.3970, 0.1835,
0.1757

■ 19.9846, 0.1784,
0.1621

Harmonies

Analogous

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



62.1586, 0.2748, 0.3123



62.1586, 0.2777, 0.2999



62.1586, 0.2897, 0.2955

Triad

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



62.1586, 0.2777, 0.2999



62.1586, 0.3446, 0.3267



62.1586, 0.3163, 0.3609

Complementary

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



62.1586, 0.2777, 0.2999



66.1399, 0.3521, 0.3564

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.



62.1586, 0.3354, 0.3642



62.1586, 0.2777, 0.2999



62.1586, 0.3522, 0.3437

Square

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



62.1586, 0.2777, 0.2999



62.1586, 0.3283, 0.3108



62.1586, 0.3487, 0.3575



62.1586, 0.2967, 0.3483

Rectangle

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



62.1586, 0.2777, 0.2999



62.1586, 0.3015, 0.2973



62.1586, 0.3487, 0.3575



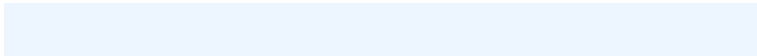
62.1586, 0.3230, 0.3632

Sweetspot

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



62.1611, 0.2777, 0.2999



91.4290, 0.3019, 0.3205



73.9836, 0.2955, 0.3613



19.4169, 0.3009, 0.3197



0.0000, 0.0000, 0.0000



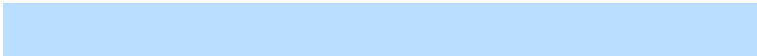
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1611, 0.2777, 0.2999



69.9083, 0.2696, 0.2924



50.6191, 0.2754, 0.2692



15.8458, 0.2981, 0.3174



11.3814, 0.1791, 0.1649



1.0863, 0.1859, 0.1892

Inverse Universe

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



56.1558, 0.3350, 0.2995



61.7137, 0.3414, 0.2926



79.4950, 0.3465, 0.3825



15.1850, 0.3211, 0.3168



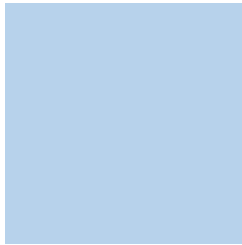
10.6418, 0.4870, 0.2456



0.8551, 0.4577, 0.2295

Previews

White Background



This preview shows how the Yxy color 62.1586, 0.2777, 0.2999 looks on a white background.

Color Contrast Check

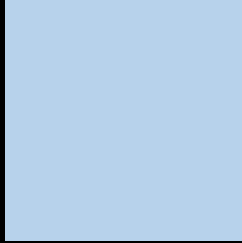
Large Text (above 18pt) WCAG AA × Fail

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 62.1586, 0.2777, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

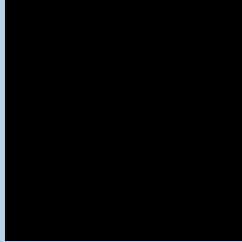
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

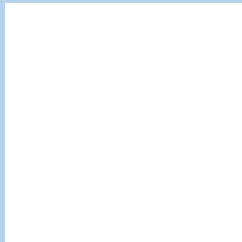
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1586, 0.2777, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 62.1586, 0.2777, 0.2999.



This preview shows how white text looks on a background with the Yxy color 62.1586, 0.2777, 0.2999.

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

62.1586, 0.2777, 0.2999

Protanopia

62.0454, 0.2922, 0.2984

Deuteranopia

61.8848, 0.2960, 0.2893



Tritanopia

62.1351, 0.2814, 0.3089

Trichromacy



Original Color

62.1586, 0.2777, 0.2999

Protanomaly

62.1109, 0.2868, 0.2992

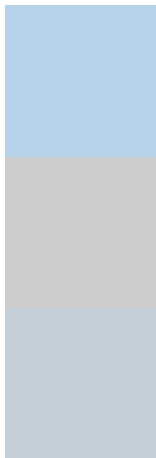
Deuteranomaly

61.6594, 0.2889, 0.2929

Tritanomaly

62.3031, 0.2795, 0.3055

Monochromacy



Original Color

62.1586, 0.2777, 0.2999

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.4538, 0.2992, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1586, 0.2777, 0.2999 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(183, 210, 235)` looks like.

```
.text, #text, p{  
    color:rgb(183, 210, 235)  
}
```

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(183, 210, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 210, 235) }
```

Border

The CSS property to change the border of an element to Yxy 62.1586, 0.2777, 0.2999 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(183, 210, 235) }
```

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

```
.border{ border-color:rgb(183, 210, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 210, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 210, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 210, 235);  
box-shadow:4px 4px 4px 4px rgb(183, 210,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1586, 0.2777, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 210, 235) }
```

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

```
.background{ background-color: rgb(183,  
210, 235) }
```

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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