

Converting Colors

$Yxy(62.5460, 0.2679, 0.2967)$

Have a look what the booklet for
Yxy(62.5460, 0.2679, 0.2967)
contains.

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Color

Yxy(62.6504, 0.2683, 0.2973)

Conversions

Conversions Part 1

Format	Color
Hex	ACD5F0
RGB	172, 213, 240
RGB Percent	67%, 84%, 94%
CMY	0.3254, 0.1647, 0.0589
CMYK	0.28, 0.11, 0.00, 0.06
HSL	204°, 69%, 81%
HSV	204°, 28%, 94%
XYZ	56.5392, 62.6504, 91.5417
YIQ	203.8190, -33.1030, -0.2950

Conversions

Conversions Part 2

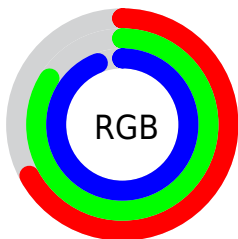
Format	Color
RYB	172, 198, 240
Decimal	11326960
CIELab	83.26, -7.33, -17.63
CIELCh	83, 19.091, 247.424
Yxy	62.6504, 0.2683, 0.2973
Android (android.graphics.Color)	4289517040 (0xFFACD5F0)
YUV	203.8190, 17.8372, -27.9053
Hunter-Lab	79.1520, -11.0114, -13.1642

Details

The Yxy color **62.6504, 0.2683, 0.2973** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.3613, 0.3670, 0.3586**, and the grayscale version is **60.1690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **31.7660, 0.2575, 0.2885** is the 20% darker color. If you saturate the color by 10%, you get **55.5224, 0.2528, 0.2840**, and if you desaturate by 10%, it is **70.5556, 0.2841, 0.3095**.

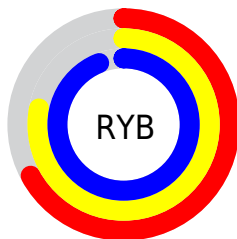
Distribution



Red (67%)

Green (84%)

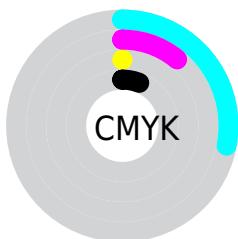
Blue (94%)



Red (67%)

Yellow (78%)

Blue (94%)

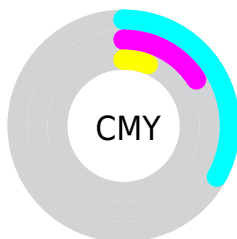


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (33%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6504, 0.2683, 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 62.6504, 0.2683, 0.2973 by changing the saturation by 10% instead.

■ 62.6504, 0.2683,
0.2973

■ 62.6504, 0.2683,
0.2973

434.2996, 0.2891,
0.3125

■ 45.5584, 0.2635,
0.2937

■ 108.6650, 0.2755,
0.3027

■ 31.8975, 0.2576,
0.2892

138.3564, 0.2784,
0.3047

■ 21.2832, 0.2501,
0.2835

173.0164, 0.2808,
0.3065

■ 13.3312, 0.2402,
0.2758

213.0295, 0.2829,
0.3080

■ 7.6570, 0.2267,
0.2651

258.7799, 0.2847,
0.3093

■ 3.8763, 0.2074,
0.2492

310.6522, 0.2863,

■ 1.6046, 0.1777,

0.3105

0.2237

369.0306, 0.2878,
0.3116

0.3607, 0.0709,
0.1560

0.0000, 0.0000,
0.0000

62.6504, 0.2683,
0.2973

62.6504, 0.2683,
0.2973

55.5224, 0.2528,
0.2840

70.5556, 0.2841,
0.3095

49.1329, 0.2379,
0.2698

79.2596, 0.2999,
0.3206

43.4507, 0.2242,
0.2549

88.7923, 0.3153,
0.3306

38.4384, 0.2119,
0.2395

96.6240, 0.3218,
0.3398

■ 34.0545, 0.2016,
0.2239

■ 99.0706, 0.3215,
0.3434

■ 30.2503, 0.1934,
0.2085

■ 26.9594, 0.1873,
0.1935

■ 26.4408, 0.1864,
0.1910

Harmonies

Analogous

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



62.6504, 0.2683, 0.3146



62.6504, 0.2683, 0.2973



62.6504, 0.2796, 0.2891

Triad

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



62.6504, 0.2683, 0.2973



62.6504, 0.3464, 0.3200



62.6504, 0.3242, 0.3704

Complementary

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



62.6504, 0.2683, 0.2973



62.3613, 0.3670, 0.3586

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.



62.6504, 0.3460, 0.3704



62.6504, 0.2683, 0.2973



62.6504, 0.3592, 0.3405

Square

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



62.6504, 0.2683, 0.2973



62.6504, 0.3244, 0.3023



62.6504, 0.3590, 0.3589



62.6504, 0.3000, 0.3581

Rectangle

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



62.6504, 0.2683, 0.2973



62.6504, 0.2924, 0.2894



62.6504, 0.3590, 0.3589



62.6504, 0.3321, 0.3718

Sweetspot

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



62.6529, 0.2683, 0.2973



91.2730, 0.3003, 0.3209



75.1695, 0.2942, 0.3788



19.1997, 0.2979, 0.3193



0.0000, 0.0000, 0.0000



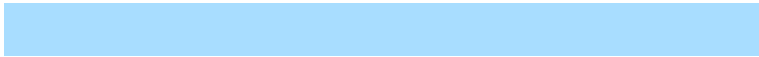
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6529, 0.2683, 0.2973



67.0610, 0.2592, 0.2897



47.6921, 0.2640, 0.2567



16.8141, 0.2980, 0.3194



14.7426, 0.1871, 0.1934



1.4202, 0.1925, 0.2131

Inverse Universe

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



52.8452, 0.3382, 0.2850



54.5734, 0.3451, 0.2758



79.2510, 0.3576, 0.3923



15.9189, 0.3199, 0.3149



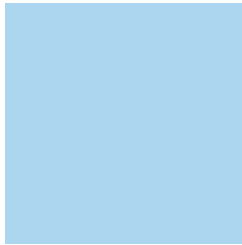
11.2816, 0.4528, 0.2268



0.9581, 0.4307, 0.2146

Previews

White Background



This preview shows how the Yxy color 62.6504, 0.2683, 0.2973 looks on a white background.

Color Contrast Check

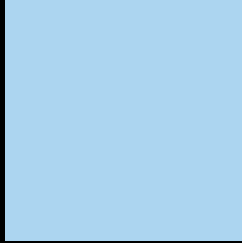
Large Text (above 18pt) WCAG AA × Fail

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 62.6504, 0.2683, 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 62.6504, 0.2683, 0.2973

Background



This preview shows how black text looks on a background with the Yxy color 62.6504, 0.2683, 0.2973.



This preview shows how white text looks on a background with the Yxy color 62.6504, 0.2683, 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

62.6504, 0.2683, 0.2973

Protanopia

62.2174, 0.2903, 0.2952

Deuteranopia

62.3535, 0.2913, 0.2850



Tritanopia

62.4654, 0.2717, 0.3075

Trichromacy



Original Color

62.6504, 0.2683, 0.2973

Protanomaly

62.3025, 0.2816, 0.2958

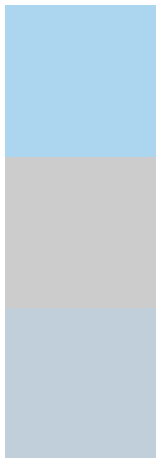
Deuteranomaly

62.2292, 0.2824, 0.2895

Tritanomaly

62.7492, 0.2706, 0.3041

Monochromacy



Original Color

62.6504, 0.2683, 0.2973

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.8419, 0.2949, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6504, 0.2683, 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(172, 213, 240)` looks like.

```
.text, #text, p{  
    color:rgb(172, 213, 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(172, 213, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 213, 240) }
```

Border

The CSS property to change the border of an element to Yxy 62.6504, 0.2683, 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(172, 213, 240) }
```

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

```
.border{ border-color:rgb(172, 213, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 213, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 213, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 213, 240);  
box-shadow:4px 4px 4px 4px rgb(172, 213,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6504, 0.2683, 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(172, 213, 240) }
```

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

```
.background{ background-color: rgb(172,  
213, 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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