

Converting Colors

Yxy(62.6833, 0.2544, 0.3166)

Have a look what the booklet for
Yxy(62.6833, 0.2544, 0.3166)
contains.

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Color

Yxy(62.7167, 0.2545, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	88DDE7
RGB	136, 221, 231
RGB Percent	53%, 87%, 91%
CMY	0.4663, 0.1334, 0.0941
CMYK	0.41, 0.04, 0.00, 0.09
HSL	186°, 66%, 72%
HSV	186°, 41%, 91%
XYZ	50.4469, 62.7167, 85.0561
YIQ	196.7250, -53.8700, -14.9100

Conversions

Conversions Part 2

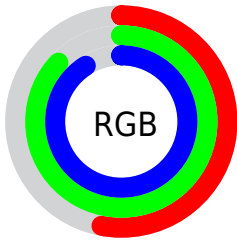
Format	Color
RYB	136, 181, 231
Decimal	8969703
CIELab	83.29, -23.16, -13.00
CIElCh	83, 26.560, 209.305
Yxy	62.7167, 0.2545, 0.3164
Android (android.graphics.Color)	4287159783 (0xFF88DDE7)
YUV	196.7250, 16.8976, -53.2558
Hunter-Lab	79.1939, -24.8839, -8.2431

Details

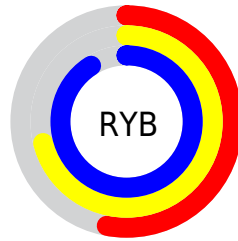
The Yxy color **62.7167, 0.2545, 0.3164** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.3693, 0.4131, 0.3409**, and the grayscale version is **55.5961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0775, 0.2768, 0.3289**, and **32.0298, 0.2410, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **59.7079, 0.2434, 0.3129**, and if you desaturate by 10%, it is **66.1660, 0.2671, 0.3198**.

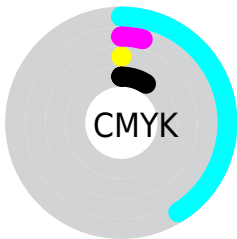
Distribution



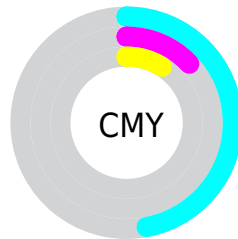
- Red (53%)
- Green (87%)
- Blue (91%)



- Red (53%)
- Yellow (71%)
- Blue (91%)



- Cyan (41%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)





- Cyan (47%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7167, 0.2545, 0.3164 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 62.7167, 0.2545, 0.3164 by changing the saturation by 10% instead.


 62.7167, 0.2545,
0.3164


 62.7167, 0.2545,
0.3164


434.5406, 0.2816,
0.3230

 45.6121, 0.2483,
0.3147

 108.7607, 0.2639,
0.3188

 31.9398, 0.2406,
0.3125


 138.4688, 0.2676,
0.3197

 21.3155, 0.2309,
0.3096


 173.1469, 0.2707,
0.3205

 13.3548, 0.2183,
0.3054

213.1794, 0.2735,
0.3212

 7.6733, 0.2012,
0.2993

258.9506, 0.2759,
0.3217

 3.8866, 0.1770,
0.2894

310.8449, 0.2780,

 1.6104, 0.1405,

0.3222

0.2716

369.2468, 0.2799,
0.3226

0.3646, 0.0000,
0.2129

0.0000, 0.0000,
0.0000

62.7167, 0.2545,
0.3164

62.7167, 0.2545,
0.3164

59.7079, 0.2434,
0.3129

66.1660, 0.2671,
0.3198

57.1052, 0.2340,
0.3092


70.0733, 0.2809,
0.3230

54.8807, 0.2265,
0.3055


74.4637, 0.2957,
0.3260

52.9999, 0.2210,
0.3018


79.3584, 0.3110,
0.3287


 51.4210, 0.2173,
0.2982


 84.7774, 0.3267,
0.3312

 50.2070, 0.2153,
0.2950

 86.8074, 0.3288,
0.3336

 88.2193, 0.3285,
0.3360

 89.6505, 0.3283,
0.3384

 91.1010, 0.3280,
0.3407

Harmonies

Analogous

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



62.7167, 0.2736, 0.3488



62.7167, 0.2545, 0.3164



62.7167, 0.2503, 0.2900

Triad

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



62.7167, 0.2545, 0.3164



62.7167, 0.3193, 0.2874



62.7167, 0.3651, 0.3833

Complementary

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



62.7167, 0.2545, 0.3164



39.3693, 0.4131, 0.3409

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.



62.7167, 0.3792, 0.3633



62.7167, 0.2545, 0.3164



62.7167, 0.3521, 0.3093

Square

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



62.7167, 0.2545, 0.3164



62.7167, 0.2862, 0.2753



62.7167, 0.3745, 0.3364



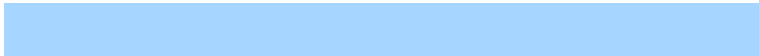
62.7167, 0.3371, 0.3890

Rectangle

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



62.7167, 0.2545, 0.3164



62.7167, 0.2561, 0.2790



62.7167, 0.3745, 0.3364



62.7167, 0.3717, 0.3778

Sweetspot

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



62.7191, 0.2545, 0.3164



92.6062, 0.2942, 0.3257



64.4644, 0.3017, 0.4430



19.6613, 0.2922, 0.3253



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.



62.7191, 0.2545, 0.3164



75.3557, 0.2453, 0.3135



41.3114, 0.2445, 0.2542



16.0625, 0.2982, 0.3264



28.2530, 0.2154, 0.2955



2.1629, 0.2169, 0.3008

Inverse Universe

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



39.8484, 0.3266, 0.2374



43.6374, 0.3299, 0.2207



56.9331, 0.3902, 0.3933



14.5876, 0.3154, 0.3082



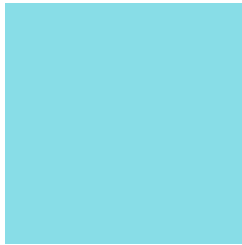
12.0499, 0.3494, 0.1698



0.8980, 0.3447, 0.1672

Previews

White Background



This preview shows how the Yxy color 62.7167, 0.2545, 0.3164 looks on a white background.

Color Contrast Check

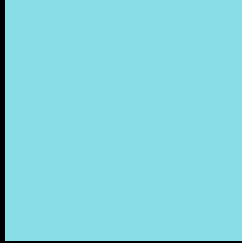
Large Text (above 18pt) WCAG AA × Fail

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 62.7167, 0.2545, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

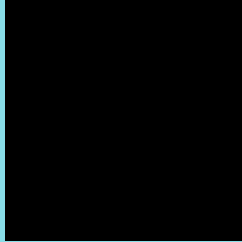
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7167, 0.2545, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 62.7167, 0.2545, 0.3164.

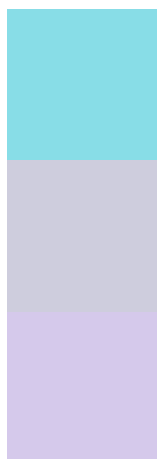


This preview shows how white text looks on a background with the Yxy color 62.7167, 0.2545, 0.3164.

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

62.7167, 0.2545, 0.3164

Protanopia

62.0049, 0.3024, 0.3107

Deuteranopia

61.9176, 0.2981, 0.2914



Tritanopia

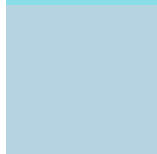
62.7627, 0.2518, 0.3068

Trichromacy



Original Color

62.7167, 0.2545, 0.3164



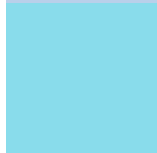
Protanomaly

61.8485, 0.2825, 0.3123



Deuteranomaly

61.3666, 0.2795, 0.2987



Tritanomaly

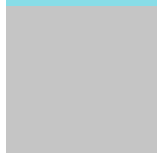
62.5029, 0.2528, 0.3104

Monochromacy



Original Color

62.7167, 0.2545, 0.3164



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.8600, 0.2881, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7167, 0.2545, 0.3164 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(136, 221, 231)` looks like.

```
.text, #text, p{  
    color:rgb(136, 221, 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(136, 221, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 221, 231) }
```

Border

The CSS property to change the border of an element to Yxy 62.7167, 0.2545, 0.3164 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(136, 221, 231) }
```

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

```
.border{ border-color:rgb(136, 221, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 221, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 221, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 221, 231);  
box-shadow:4px 4px 4px 4px rgb(136, 221,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7167, 0.2545, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 221, 231) }
```

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

```
.background{ background-color: rgb(136,  
221, 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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