

Converting Colors

$Yxy(62.6368, 0.2554, 0.2928)$

Have a look what the booklet for
Yxy(62.6368, 0.2554, 0.2928)
contains.

Yxy(62.7341, 0.2558, 0.2933)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.7341, 0.2558, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	9BD8F6
RGB	155, 216, 246
RGB Percent	61%, 85%, 96%
CMY	0.3921, 0.1529, 0.0351
CMYK	0.37, 0.12, 0.00, 0.04
HSL	200°, 84%, 79%
HSV	200°, 37%, 96%
XYZ	54.7132, 62.7341, 96.4433
YIQ	201.1810, -45.9860, -3.6020

Conversions

Conversions Part 2

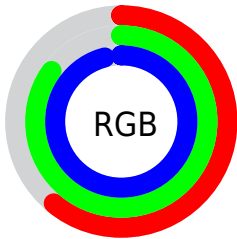
Format	Color
R _Y B	155, 192, 246
Decimal	10213622
CIE Lab	83.30, -12.10, -20.86
CIE LCh	83, 24.116, 239.895
Yxy	62.7341, 0.2558, 0.2933
Android (android.graphics.Color)	4288403702 (0xFF9BD8F6)
YUV	201.1810, 22.0958, -40.5007
Hunter-Lab	79.2049, -15.3041, -16.7507

Details

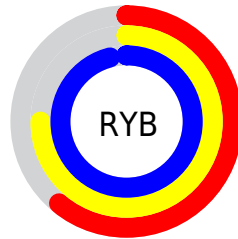
The Yxy color **62.7341, 0.2558, 0.2933** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.6848, 0.3912, 0.3617**, and the grayscale version is **58.4118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **31.9168, 0.2423, 0.2833** is the 20% darker color. If you saturate the color by 10%, you get **56.4870, 0.2416, 0.2817**, and if you desaturate by 10%, it is **69.6876, 0.2708, 0.3041**.

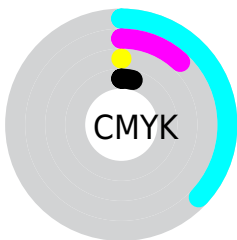
Distribution



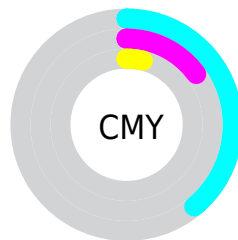
- Red (61%)
- Green (85%)
- Blue (96%)



- Red (61%)
- Yellow (75%)
- Blue (96%)



- Cyan (37%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (39%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7341, 0.2558, 0.2933 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 62.7341, 0.2558, 0.2933 by changing the saturation by 10% instead.

■ 62.7341, 0.2558,
0.2933

■ 62.7341, 0.2558,
0.2933

■ 434.6038, 0.2822,
0.3106

■ 45.6261, 0.2498,
0.2892

■ 108.7858, 0.2650,
0.2994

■ 31.9509, 0.2423,
0.2841

■ 138.4983, 0.2685,
0.3018

■ 21.3240, 0.2330,
0.2775

■ 173.1812, 0.2716,
0.3038

■ 13.3610, 0.2208,
0.2686

■ 213.2187, 0.2743,
0.3055

■ 7.6776, 0.2044,
0.2564

■ 258.9954, 0.2766,
0.3070

■ 3.8894, 0.1813,
0.2383

■ 310.8955, 0.2787,

■ 1.6119, 0.1472,

0.3083

0.2095

369.3035, 0.2806,
0.3095

0.3656, 0.0202,
0.1418

0.0000, 0.0000,
0.0000

62.7341, 0.2558,
0.2933

62.7341, 0.2558,
0.2933

56.4870, 0.2416,
0.2817

69.6876, 0.2708,
0.3041

50.9056, 0.2286,
0.2696

77.3708, 0.2863,
0.3141

45.9559, 0.2171,
0.2570

85.8147, 0.3019,
0.3232

41.5966, 0.2075,
0.2442

95.0460, 0.3173,
0.3314

■ 37.7798, 0.2000,
0.2315

■ 99.4361, 0.3179,
0.3376

■ 34.4451, 0.1946,
0.2190

■ 33.5107, 0.1931,
0.2153

Harmonies

Analogous

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



62.7341, 0.2594, 0.3172



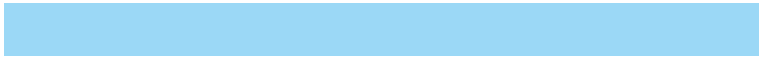
62.7341, 0.2558, 0.2933



62.7341, 0.2664, 0.2804

Triad

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



62.7341, 0.2558, 0.2933



62.7341, 0.3490, 0.3115



62.7341, 0.3344, 0.3832

Complementary

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



62.7341, 0.2558, 0.2933



56.6848, 0.3912, 0.3617

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.



62.7341, 0.3600, 0.3786



62.7341, 0.2558, 0.2933



62.7341, 0.3690, 0.3365

Square

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



62.7341, 0.2558, 0.2933



62.7341, 0.3194, 0.2913



62.7341, 0.3730, 0.3609



62.7341, 0.3039, 0.3715

Rectangle

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



62.7341, 0.2558, 0.2933



62.7341, 0.2805, 0.2787



62.7341, 0.3730, 0.3609



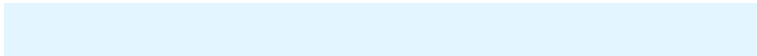
62.7341, 0.3439, 0.3835

Sweetspot

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



62.7365, 0.2558, 0.2933



89.2984, 0.2956, 0.3196



76.3578, 0.2923, 0.4049



18.8465, 0.2935, 0.3184



0.0000, 0.0000, 0.0000



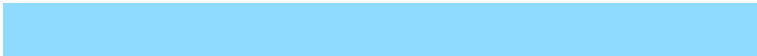
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7365, 0.2558, 0.2933



63.1712, 0.2456, 0.2852



43.0158, 0.2478, 0.2376



17.7824, 0.2980, 0.3210



18.1481, 0.1937, 0.2173



1.7827, 0.1981, 0.2329

Inverse Universe

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



48.0032, 0.3431, 0.2651



45.9055, 0.3511, 0.2531



78.1986, 0.3742, 0.4061



16.6699, 0.3189, 0.3133



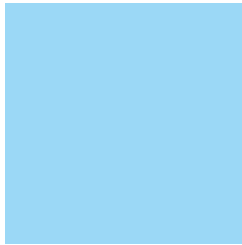
11.9314, 0.4261, 0.2121



1.0676, 0.4096, 0.2030

Previews

White Background



This preview shows how the Yxy color 62.7341, 0.2558, 0.2933 looks on a white background.

Color Contrast Check

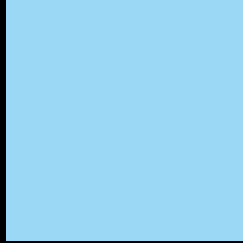
Large Text (above 18pt) WCAG AA × Fail

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 62.7341, 0.2558, 0.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

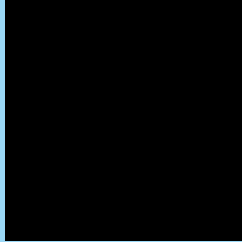
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7341, 0.2558, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 62.7341, 0.2558, 0.2933.

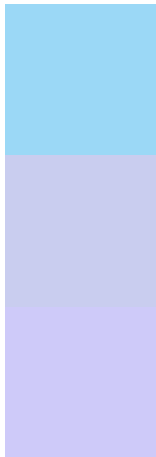


This preview shows how white text looks on a background with the Yxy color 62.7341, 0.2558, 0.2933.

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

62.7341, 0.2558, 0.2933

Protanopia

62.3121, 0.2870, 0.2908

Deuteranopia

62.2024, 0.2841, 0.2775



Tritanopia

62.8164, 0.2602, 0.3083

Trichromacy



Original Color

62.7341, 0.2558, 0.2933

Protanomaly

62.2021, 0.2742, 0.2910

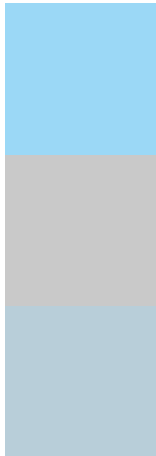
Deuteranomaly

61.9678, 0.2724, 0.2825

Tritanomaly

62.6300, 0.2585, 0.3024

Monochromacy



Original Color

62.7341, 0.2558, 0.2933

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.3427, 0.2893, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7341, 0.2558, 0.2933 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(155, 216, 246)` looks like.

```
.text, #text, p{  
    color:rgb(155, 216, 246)  
}
```

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(155, 216, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 216, 246) }
```

Border

The CSS property to change the border of an element to Yxy 62.7341, 0.2558, 0.2933 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(155, 216, 246) }
```

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

```
.border{ border-color:rgb(155, 216, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 216, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 216, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 216, 246);  
box-shadow:4px 4px 4px 4px rgb(155, 216,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7341, 0.2558, 0.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 216, 246) }
```

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

```
.background{ background-color: rgb(155,  
216, 246) }
```

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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