

Converting Colors

$Yxy(60.2267, 0.2456, 0.2809)$

Have a look what the booklet for
Yxy(60.2267, 0.2456, 0.2809)
contains.

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Color

Yxy(60.0185, 0.2454, 0.2800)

Conversions

Conversions Part 1

Format	Color
Hex	8FD4FD
RGB	143, 212, 253
RGB Percent	56%, 83%, 99%
CMY	0.4391, 0.1686, 0.0079
CMYK	0.43, 0.16, 0.00, 0.01
HSL	202°, 96%, 78%
HSV	202°, 43%, 99%
XYZ	52.6019, 60.0185, 101.7314
YIQ	196.0430, -54.2850, -1.8770

Conversions

Conversions Part 2

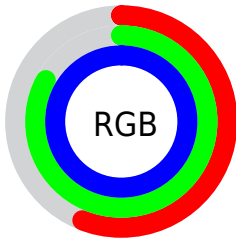
Format	Color
RYB	143, 185, 253
Decimal	9426173
CIELab	81.85, -11.25, -26.82
CIELCh	82, 29.082, 247.244
Yxy	60.0185, 0.2454, 0.2800
Android (android.graphics.Color)	4287616253 (0xFF8FD4FD)
YUV	196.0430, 28.0798, -46.5187
Hunter-Lab	77.4716, -14.3768, -23.6262

Details

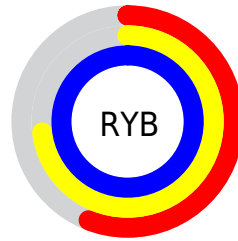
The Yxy color **60.0185, 0.2454, 0.2800** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.1511, 0.4079, 0.3724**, and the grayscale version is **55.0859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **30.0779, 0.2296, 0.2671** is the 20% darker color. If you saturate the color by 10%, you get **53.4334, 0.2313, 0.2663**, and if you desaturate by 10%, it is **67.3927, 0.2604, 0.2929**.

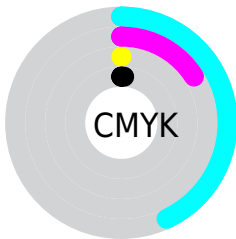
Distribution



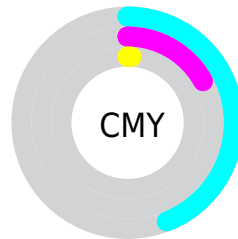
- Red (56%)
- Green (83%)
- Blue (99%)



- Red (56%)
- Yellow (73%)
- Blue (99%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)





- Cyan (44%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0185, 0.2454, 0.2800 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 60.0185, 0.2454, 0.2800 by changing the saturation by 10% instead.

 60.0185, 0.2454,
0.2800


 60.0185, 0.2454,
0.2800

424.6660, 0.2767,
0.3036

 43.4335, 0.2383,
0.2744


 104.8565, 0.2563,
0.2883

 30.2254, 0.2295,
0.2675


 133.8783, 0.2605,
0.2915

 20.0098, 0.2185,
0.2586


167.8146, 0.2641,
0.2943

 12.4021, 0.2042,
0.2468

207.0497, 0.2673,
0.2967

 7.0182, 0.1852,
0.2306

251.9679, 0.2701,
0.2987

 3.4735, 0.1590,
0.2072

302.9538, 0.2725,

 1.3836, 0.1214,

0.3005

0.1715

360.3917, 0.2747,
0.3022

0.2046, 0.0000,
0.0730

0.0000, 0.0000,
0.0000

60.0185, 0.2454,
0.2800

60.0185, 0.2454,
0.2800

53.4334, 0.2313,
0.2663

67.3927, 0.2604,
0.2929

47.5911, 0.2187,
0.2521

75.5850, 0.2760,
0.3049

42.4503, 0.2077,
0.2375

84.6310, 0.2917,
0.3159

37.9609, 0.1989,
0.2229

94.5620, 0.3074,
0.3258

■ 34.0629, 0.1922,
0.2086

99.8712, 0.3139,
0.3309

■ 31.7812, 0.1888,
0.1995

Harmonies

Analogous

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



60.0185, 0.2455, 0.3059



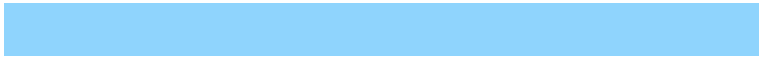
60.0185, 0.2454, 0.2800



60.0185, 0.2620, 0.2685

Triad

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



60.0185, 0.2454, 0.2800



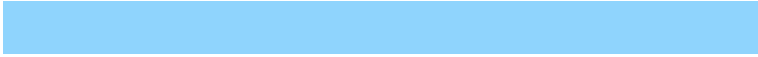
60.0185, 0.3647, 0.3146



60.0185, 0.3298, 0.3944

Complementary

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



60.0185, 0.2454, 0.2800



57.1511, 0.4079, 0.3724

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.



60.0185, 0.3636, 0.3927



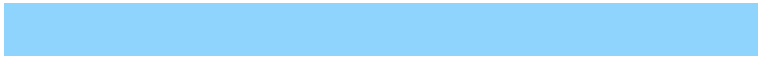
60.0185, 0.2454, 0.2800



60.0185, 0.3850, 0.3451

Square

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



60.0185, 0.2454, 0.2800



60.0185, 0.3300, 0.2886



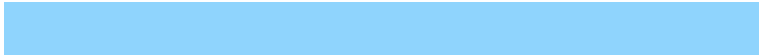
60.0185, 0.3843, 0.3736



60.0185, 0.2928, 0.3751

Rectangle

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



60.0185, 0.2454, 0.2800



60.0185, 0.2810, 0.2693



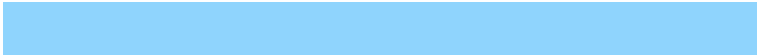
60.0185, 0.3843, 0.3736



60.0185, 0.3420, 0.3962

Sweetspot

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



60.0208, 0.2454, 0.2800



86.6140, 0.2925, 0.3163



79.5194, 0.2867, 0.4142



18.0853, 0.2890, 0.3140



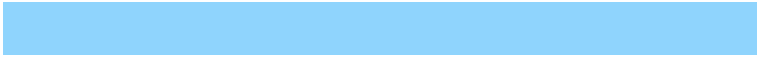
0.0000, 0.0000, 0.0000



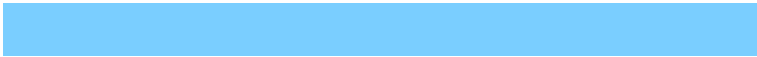
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0208, 0.2454, 0.2800



55.3249, 0.2333, 0.2683



37.2800, 0.2337, 0.2113



19.2767, 0.2979, 0.3199



17.1968, 0.1894, 0.2017



1.8841, 0.1939, 0.2178

Inverse Universe

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



45.2867, 0.3550, 0.2584



39.7131, 0.3669, 0.2456



84.2049, 0.3834, 0.4240



18.1788, 0.3196, 0.3142



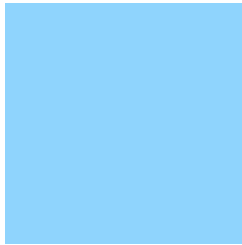
12.4640, 0.4433, 0.2216



1.2347, 0.4256, 0.2118

Previews

White Background



This preview shows how the Yxy color 60.0185, 0.2454, 0.2800 looks on a white background.

Color Contrast Check

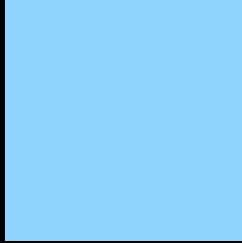
Large Text (above 18pt) WCAG AA × Fail

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 60.0185, 0.2454, 0.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

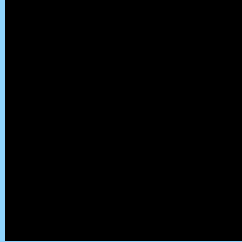
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

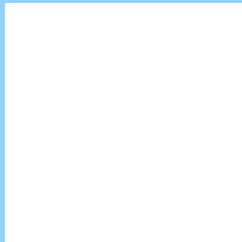
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0185, 0.2454, 0.2800

Background



This preview shows how black text looks on a background with the Yxy color 60.0185, 0.2454, 0.2800.



This preview shows how white text looks on a background with the Yxy color 60.0185, 0.2454, 0.2800.

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

60.0185, 0.2454, 0.2800

Protanopia

59.7033, 0.2776, 0.2792

Deuteranopia

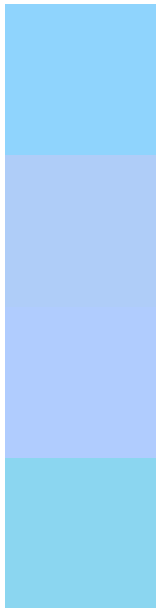
59.6689, 0.2728, 0.2669



Tritanopia

59.8024, 0.2527, 0.3064

Trichromacy



Original Color

60.0185, 0.2454, 0.2800

Protanomaly

59.5539, 0.2646, 0.2792

Deuteranomaly

59.5716, 0.2618, 0.2718

Tritanomaly

59.8734, 0.2501, 0.2969

Monochromacy



Original Color

60.0185, 0.2454, 0.2800

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.5979, 0.2841, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0185, 0.2454, 0.2800 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(143, 212, 253)` looks like.

```
.text, #text, p{  
    color:rgb(143, 212, 253)  
}
```

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(143, 212, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 212, 253) }
```

Border

The CSS property to change the border of an element to Yxy 60.0185, 0.2454, 0.2800 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(143, 212, 253) }
```

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

```
.border{ border-color:rgb(143, 212, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 212, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 212, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 212, 253);  
box-shadow:4px 4px 4px 4px rgb(143, 212,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0185, 0.2454, 0.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 212, 253) }
```

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

```
.background{ background-color: rgb(143,  
212, 253) }
```

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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