

Converting Colors

$Y_{xy}(59.1760, 0.2527, 0.2725)$

Have a look what the booklet for
Yxy(59.1760, 0.2527, 0.2725)
contains.

Yxy(59.4227, 0.2530, 0.2730)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.4227, 0.2530, 0.2730)

Conversions

Conversions Part 1

Format	Color
Hex	A1CFFF
RGB	161, 207, 255
RGB Percent	63%, 81%, 100%
CMY	0.3684, 0.1883, 0.0000
CMYK	0.37, 0.19, 0.00, 0.00
HSL	211°, 100%, 82%
HSV	211°, 37%, 100%
XYZ	55.0694, 59.4227, 103.1735
YIQ	198.7180, -42.8240, 5.1760

Conversions

Conversions Part 2

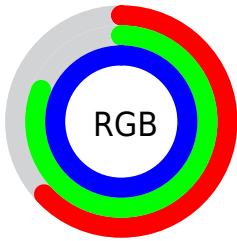
Format	Color
RYB	161, 192, 255
Decimal	10604543
CIELab	81.52, -3.53, -28.30
CIElCh	82, 28.517, 262.894
Yxy	59.4227, 0.2530, 0.2730
Android (android.graphics.Color)	4288794623 (0xFFA1CFFF)
YUV	198.7180, 27.7470, -33.0787
Hunter-Lab	77.0861, -7.3825, -25.3945

Details

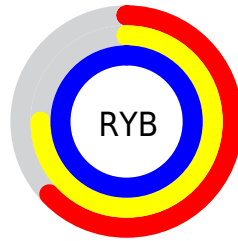
The Yxy color **59.4227, 0.2530, 0.2730** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.4714, 0.3844, 0.3788**, and the grayscale version is **56.7873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **29.9239, 0.2390, 0.2597** is the 20% darker color. If you saturate the color by 10%, you get **50.9830, 0.2367, 0.2545**, and if you desaturate by 10%, it is **68.9285, 0.2696, 0.2902**.

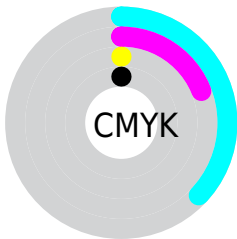
Distribution



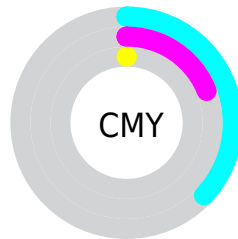
- Red (63%)
- Green (81%)
- Blue (100%)



- Red (63%)
- Yellow (75%)
- Blue (100%)



- Cyan (37%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4227, 0.2530, 0.2730 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 59.4227, 0.2530, 0.2730 by changing the saturation by 10% instead.

■ 59.4227, 0.2530,
0.2730

■ 59.4227, 0.2530,
0.2730

422.4666, 0.2810,
0.2995

■ 42.9535, 0.2466,
0.2668

■ 103.9918, 0.2627,
0.2823

■ 29.8486, 0.2387,
0.2592

■ 132.8604, 0.2665,
0.2859

■ 19.7237, 0.2286,
0.2495

166.6310, 0.2698,
0.2890

■ 12.1944, 0.2156,
0.2368

205.6879, 0.2726,
0.2916

■ 6.8762, 0.1981,
0.2196

250.4155, 0.2751,
0.2940

■ 3.3848, 0.1736,
0.1952

301.1982, 0.2773,

■ 1.3358, 0.1379,

0.2960

0.1588

358.4204, 0.2792,
0.2979

■ 0.1686, 0.0250,
0.0568

■ 0.0000, 0.0000,
0.0000

■ 59.4227, 0.2530,
0.2730

■ 59.4227, 0.2530,
0.2730

■ 50.9830, 0.2367,
0.2545

■ 68.9285, 0.2696,
0.2902

■ 43.5569, 0.2211,
0.2349

■ 79.5359, 0.2861,
0.3060

■ 37.0971, 0.2069,
0.2148

■ 91.2868, 0.3021,
0.3202

■ 31.5484, 0.1946,
0.1946

100.0000, 0.3127,
0.3290

■ 26.8480, 0.1847,
0.1749

■ 22.9191, 0.1772,
0.1564

■ 21.8053, 0.1752,
0.1508

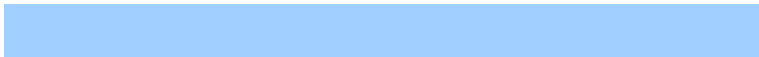
Harmonies

Analogous

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



59.4227, 0.2443, 0.2914



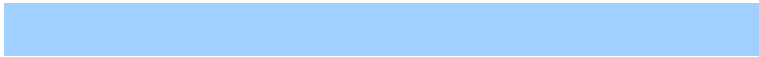
59.4227, 0.2530, 0.2730



59.4227, 0.2770, 0.2695

Triad

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



59.4227, 0.2530, 0.2730



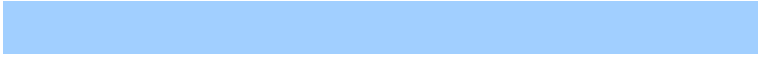
59.4227, 0.3766, 0.3303



59.4227, 0.3103, 0.3858

Complementary

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



59.4227, 0.2530, 0.2730



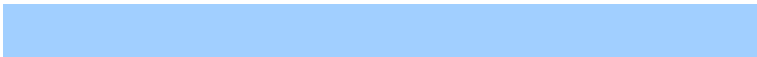
69.4714, 0.3844, 0.3788

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.



59.4227, 0.3465, 0.3951



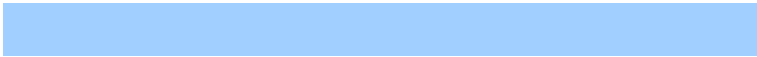
59.4227, 0.2530, 0.2730



59.4227, 0.3862, 0.3602

Square

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



59.4227, 0.2530, 0.2730



59.4227, 0.3487, 0.3017



59.4227, 0.3747, 0.3845



59.4227, 0.2761, 0.3581

Rectangle

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



59.4227, 0.2530, 0.2730



59.4227, 0.2994, 0.2751



59.4227, 0.3747, 0.3845



59.4227, 0.3227, 0.3912

Sweetspot

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



59.4250, 0.2530, 0.2730



86.2548, 0.2955, 0.3144



83.6589, 0.2836, 0.3836



18.1206, 0.2934, 0.3125



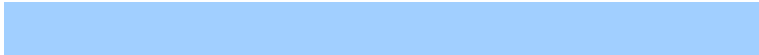
0.0000, 0.0000, 0.0000



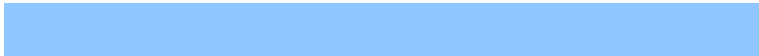
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4250, 0.2530, 0.2730



53.2736, 0.2412, 0.2599



40.3155, 0.2449, 0.2170



18.8441, 0.2979, 0.3165



11.6906, 0.1760, 0.1537



1.3562, 0.1818, 0.1745

Inverse Universe

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



51.2763, 0.3585, 0.2817



44.9064, 0.3714, 0.2726



95.3550, 0.3683, 0.4209



18.1351, 0.3217, 0.3174



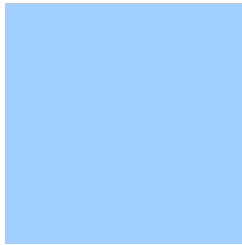
11.9081, 0.5011, 0.2534



1.1814, 0.4751, 0.2391

Previews

White Background



This preview shows how the Yxy color 59.4227, 0.2530, 0.2730 looks on a white background.

Color Contrast Check

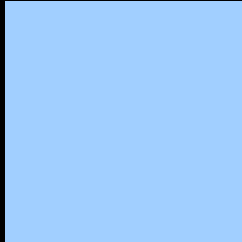
Large Text (above 18pt) WCAG AA × Fail

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 59.4227, 0.2530, 0.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

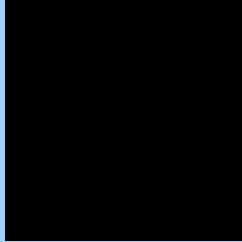
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

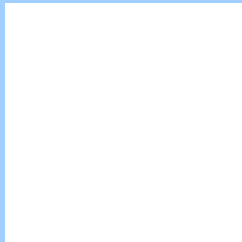
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.4227, 0.2530, 0.2730

Background



This preview shows how black text looks on a background with the Yxy color 59.4227, 0.2530, 0.2730.



This preview shows how white text looks on a background with the Yxy color 59.4227, 0.2530, 0.2730.

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

59.4227, 0.2530, 0.2730

Protanopia

59.1578, 0.2725, 0.2726

Deuteranopia

58.9456, 0.2713, 0.2655



Tritanopia

59.7127, 0.2641, 0.3080

Trichromacy



Original Color

59.4227, 0.2530, 0.2730

Protanomaly

59.3239, 0.2646, 0.2729

Deuteranomaly

58.8170, 0.2639, 0.2677

Tritanomaly

59.4343, 0.2601, 0.2951

Monochromacy



Original Color

59.4227, 0.2530, 0.2730

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.6698, 0.2885, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4227, 0.2530, 0.2730 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(161, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 207, 255)  
}
```

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(161, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 207, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.4227, 0.2530, 0.2730 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(161, 207, 255) }
```

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

```
.border{ border-color:rgb(161, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 207,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4227, 0.2530, 0.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 207, 255) }
```

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

```
.background{ background-color: rgb(161,  
207, 255) }
```

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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