

Converting Colors

$Yxy(61.3860, 0.2511, 0.2787)$

Have a look what the booklet for
Yxy(61.3860, 0.2511, 0.2787)
contains.

Yxy(61.3749, 0.2511, 0.2787)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.3749, 0.2511, 0.2787)

Conversions

Conversions Part 1

Format	Color
Hex	9CD4FF
RGB	156, 212, 255
RGB Percent	61%, 83%, 100%
CMY	0.3884, 0.1686, 0.0000
CMYK	0.39, 0.17, 0.00, 0.00
HSL	206°, 100%, 81%
HSV	206°, 39%, 100%
XYZ	55.2969, 61.3749, 103.5467
YIQ	200.1580, -47.1790, 1.5010

Conversions

Conversions Part 2

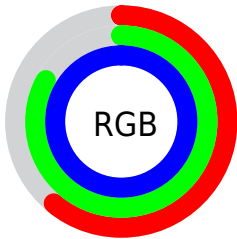
Format	Color
R _Y B	156, 192, 255
Decimal	10278143
CIE Lab	82.58, -7.51, -26.71
CIE LCh	83, 27.748, 254.300
Yxy	61.3749, 0.2511, 0.2787
Android (android.graphics.Color)	4288468223 (0xFF9CD4FF)
YUV	200.1580, 27.0371, -38.7266
Hunter-Lab	78.3421, -11.1066, -23.5256

Details

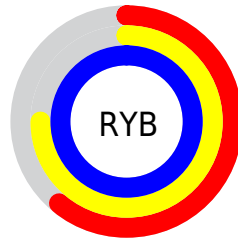
The Yxy color **61.3749, 0.2511, 0.2787** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.4755, 0.3923, 0.3739**, and the grayscale version is **57.7080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **30.9005, 0.2364, 0.2656** is the 20% darker color. If you saturate the color by 10%, you get **53.7501, 0.2358, 0.2630**, and if you desaturate by 10%, it is **69.9163, 0.2670, 0.2934**.

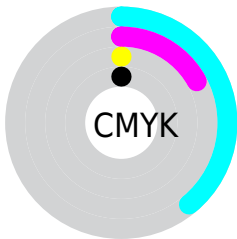
Distribution



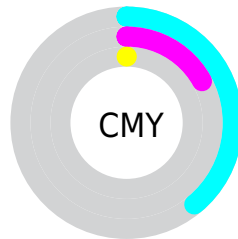
- Red (61%)
- Green (83%)
- Blue (100%)



- Red (61%)
- Yellow (75%)
- Blue (100%)



- Cyan (39%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3749, 0.2511, 0.2787 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 61.3749, 0.2511, 0.2787 by changing the saturation by 10% instead.

61.3749, 0.2511,
0.2787

61.3749, 0.2511,
0.2787

429.6473, 0.2798,
0.3026

44.5278, 0.2446,
0.2731

106.8216, 0.2610,
0.2871

31.0857, 0.2365,
0.2662

136.1899, 0.2649,
0.2904

20.6641, 0.2264,
0.2573

170.5008, 0.2682,
0.2931

12.8787, 0.2133,
0.2457

210.1387, 0.2711,
0.2955

7.3451, 0.1958,
0.2299

255.4878, 0.2737,
0.2976

3.6788, 0.1715,
0.2072

306.9327, 0.2759,

1.4956, 0.1362,

0.2995

0.1730

364.8577, 0.2780,
0.3012

0.2856, 0.0281,
0.0912

0.0000, 0.0000,
0.0000

61.3749, 0.2511,
0.2787

61.3749, 0.2511,
0.2787

53.7501, 0.2358,
0.2630

69.9163, 0.2670,
0.2934

46.9954, 0.2216,
0.2464

79.4072, 0.2831,
0.3069

41.0674, 0.2089,
0.2294

89.8849, 0.2990,
0.3192

35.9151, 0.1981,
0.2122

100.0000, 0.3127,
0.3290

■ 31.4795, 0.1896,
0.1954

■ 27.6782, 0.1833,
0.1792

■ 27.2682, 0.1826,
0.1774

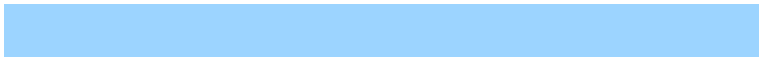
Harmonies

Analogous

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



61.3749, 0.2473, 0.3004



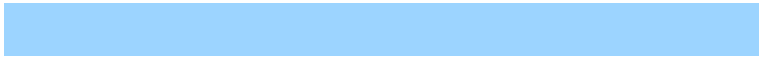
61.3749, 0.2511, 0.2787



61.3749, 0.2703, 0.2711

Triad

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



61.3749, 0.2511, 0.2787



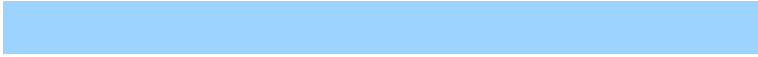
61.3749, 0.3680, 0.3221



61.3749, 0.3207, 0.3882

Complementary

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



61.3749, 0.2511, 0.2787



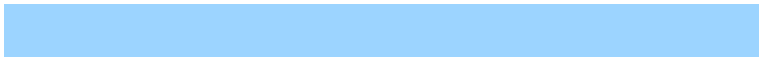
64.4755, 0.3923, 0.3739

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.



61.3749, 0.3543, 0.3914



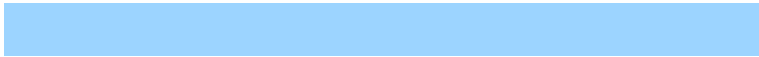
61.3749, 0.2511, 0.2787



61.3749, 0.3828, 0.3512

Square

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



61.3749, 0.2511, 0.2787



61.3749, 0.3376, 0.2958



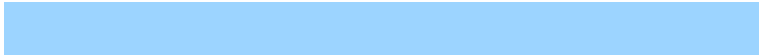
61.3749, 0.3775, 0.3768



61.3749, 0.2862, 0.3659

Rectangle

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



61.3749, 0.2511, 0.2787



61.3749, 0.2902, 0.2739



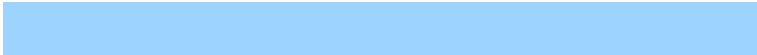
61.3749, 0.3775, 0.3768



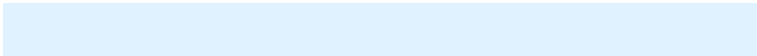
61.3749, 0.3325, 0.3915

Sweetspot

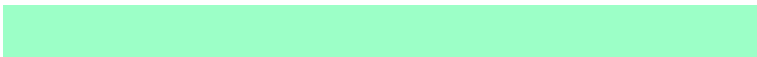
The Sweet Spot groups the original color and five complimentary colors.



61.3767, 0.2511, 0.2787



86.4691, 0.2940, 0.3155



82.7003, 0.2856, 0.3953



18.2117, 0.2919, 0.3139



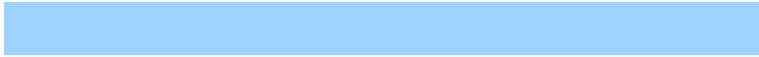
0.0000, 0.0000, 0.0000



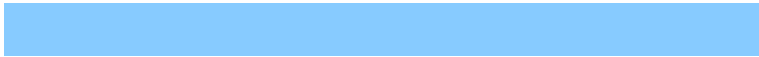
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3767, 0.2511, 0.2787



55.0893, 0.2386, 0.2659



40.3185, 0.2418, 0.2178



19.0842, 0.2979, 0.3184



14.5508, 0.1833, 0.1800



1.6342, 0.1885, 0.1985

Inverse Universe

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



49.7739, 0.3547, 0.2716



42.9410, 0.3674, 0.2599



91.0375, 0.3734, 0.4201



18.1594, 0.3205, 0.3156



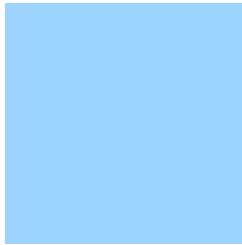
12.1969, 0.4685, 0.2355



1.2095, 0.4470, 0.2236

Previews

White Background



This preview shows how the Yxy color 61.3749, 0.2511, 0.2787 looks on a white background.

Color Contrast Check

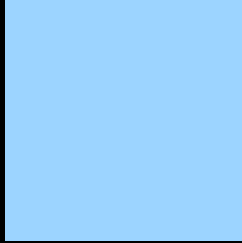
Large Text (above 18pt) WCAG AA × Fail

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 61.3749, 0.2511, 0.2787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

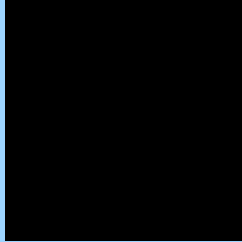
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

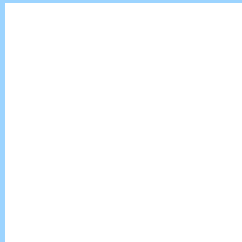
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3749, 0.2511, 0.2787

Background



This preview shows how black text looks on a background with the Yxy color 61.3749, 0.2511, 0.2787.

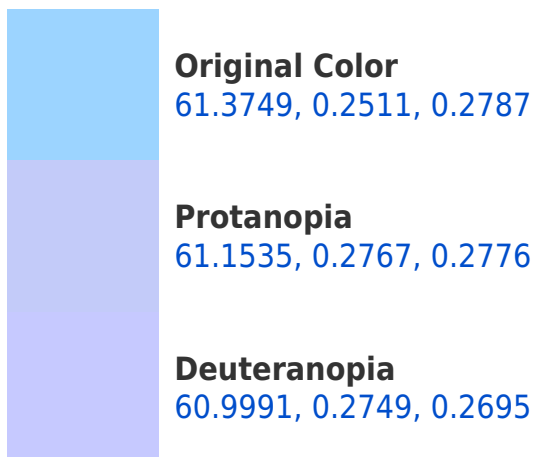


This preview shows how white text looks on a background with the Yxy color 61.3749, 0.2511, 0.2787.

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

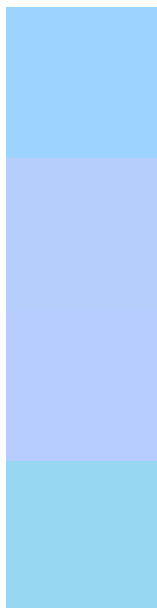




Tritanopia

61.4790, 0.2598, 0.3081

Trichromacy



Original Color

61.3749, 0.2511, 0.2787

Protanomaly

60.9314, 0.2668, 0.2777

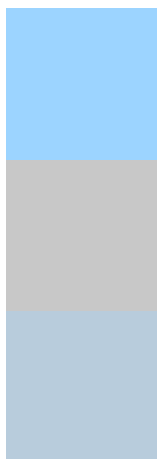
Deuteranomaly

60.9499, 0.2657, 0.2726

Tritanomaly

61.6272, 0.2566, 0.2976

Monochromacy



Original Color

61.3749, 0.2511, 0.2787

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.5434, 0.2872, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3749, 0.2511, 0.2787 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(156, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 212, 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(156, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 212, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.3749, 0.2511, 0.2787 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(156, 212, 255) }
```

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

```
.border{ border-color:rgb(156, 212, 255) }
```

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

Here you see how a box with a 4 pixel rgb(156, 212, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 212,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3749, 0.2511, 0.2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 212, 255) }
```

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

```
.background{ background-color: rgb(156,  
212, 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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