

Converting Colors

Yxy(56.5072, 0.2447, 0.2679)

Have a look what the booklet for
Yxy(56.5072, 0.2447, 0.2679)
contains.

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Color

Yxy(56.6088, 0.2448, 0.2682)

Conversions

Conversions Part 1

Format	Color
Hex	93CCFF
RGB	147, 204, 255
RGB Percent	58%, 80%, 100%
CMY	0.4236, 0.2000, 0.0001
CMYK	0.42, 0.20, 0.00, 0.00
HSL	208°, 100%, 79%
HSV	208°, 42%, 100%
XYZ	51.6698, 56.6088, 102.7908
YIQ	192.7710, -50.3430, 3.7770

Conversions

Conversions Part 2

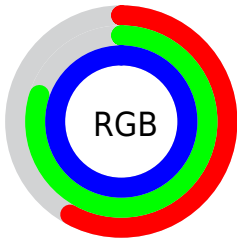
Format	Color
R_{YB}	147, 184, 255
Decimal	9686271
CIE _{Lab}	79.96, -5.55, -30.75
CIE _{LCh}	80, 31.247, 259.778
Yxy	56.6088, 0.2448, 0.2682
Android (android.graphics.Color)	4287876351 (0xFF93CCFF)
YUV	192.7710, 30.6789, -40.1412
Hunter-Lab	75.2388, -9.0842, -28.3344

Details

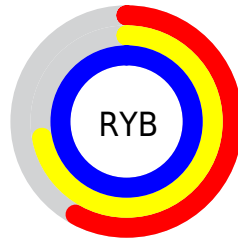
The Yxy color **56.6088, 0.2448, 0.2682** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.7279, 0.3998, 0.3821**, and the grayscale version is **53.0247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **28.0636, 0.2283, 0.2531** is the 20% darker color. If you saturate the color by 10%, you get **49.0079, 0.2293, 0.2506**, and if you desaturate by 10%, it is **65.1783, 0.2609, 0.2847**.

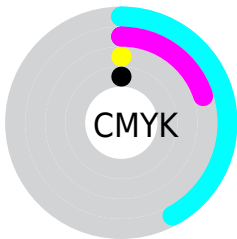
Distribution



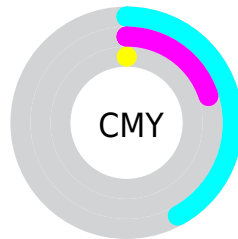
- Red (58%)
- Green (80%)
- Blue (100%)



- Red (58%)
- Yellow (72%)
- Blue (100%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6088, 0.2448, 0.2682 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 56.6088, 0.2448, 0.2682 by changing the saturation by 10% instead.

 56.6088, 0.2448,
0.2682

 56.6088, 0.2448,
0.2682


411.9818, 0.2767,
0.2973

 40.6912, 0.2375,
0.2614


 99.8942, 0.2559,
0.2784

 28.0779, 0.2284,
0.2530


 128.0307, 0.2602,
0.2824

 18.3844, 0.2170,
0.2422


161.0091, 0.2639,
0.2857

 11.2263, 0.2022,
0.2281

199.2137, 0.2672,
0.2887

 6.2193, 0.1824,
0.2090

243.0289, 0.2700,
0.2912

 2.9789, 0.1550,
0.1819

292.8390, 0.2725,

 1.1207, 0.1158,

0.2935

0.1420

349.0285, 0.2747,
0.2955

0.0000, 0.0000,
0.0000

56.6088, 0.2448,
0.2682

56.6088, 0.2448,
0.2682

49.0079, 0.2293,
0.2506

65.1783, 0.2609,
0.2847

42.3244, 0.2150,
0.2323

74.7512, 0.2772,
0.2999

36.5110, 0.2024,
0.2136

85.3683, 0.2934,
0.3138

31.5117, 0.1919,
0.1951

97.0657, 0.3091,
0.3263

27.2609, 0.1837,
0.1771

99.9985, 0.3127,
0.3290

■ 24.4466, 0.1789,
0.1641

Harmonies

Analogous

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



56.6088, 0.2372, 0.2899



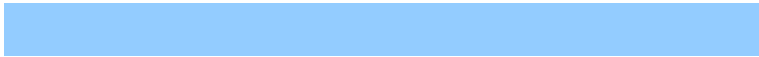
56.6088, 0.2448, 0.2682



56.6088, 0.2695, 0.2629

Triad

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



56.6088, 0.2448, 0.2682



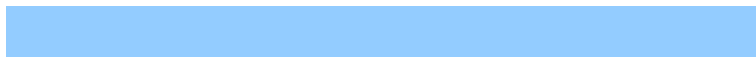
56.6088, 0.3815, 0.3267



56.6088, 0.3141, 0.3949

Complementary

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



56.6088, 0.2448, 0.2682



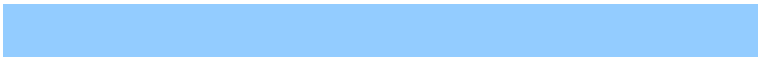
63.7279, 0.3998, 0.3821

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.



56.6088, 0.3539, 0.4024



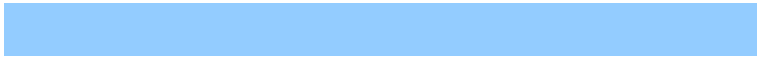
56.6088, 0.2448, 0.2682



56.6088, 0.3946, 0.3599

Square

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



56.6088, 0.2448, 0.2682



56.6088, 0.3486, 0.2958



56.6088, 0.3839, 0.3881



56.6088, 0.2754, 0.3654

Rectangle

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



56.6088, 0.2448, 0.2682



56.6088, 0.2936, 0.2681



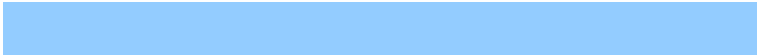
56.6088, 0.3839, 0.3881



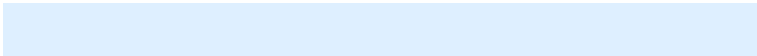
56.6088, 0.3278, 0.4001

Sweetspot

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



56.6109, 0.2448, 0.2682



84.6670, 0.2924, 0.3129



81.7558, 0.2819, 0.3980



17.6042, 0.2888, 0.3100



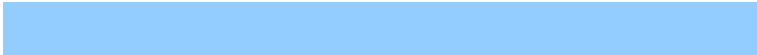
0.0000, 0.0000, 0.0000



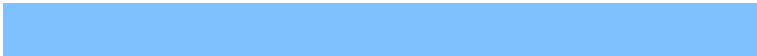
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6109, 0.2448, 0.2682



49.9923, 0.2314, 0.2531



35.4200, 0.2337, 0.2015



18.9656, 0.2979, 0.3175



13.0780, 0.1797, 0.1669



1.4922, 0.1852, 0.1866

Inverse Universe

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



46.4786, 0.3641, 0.2705



39.7927, 0.3796, 0.2593



92.5922, 0.3774, 0.4309



18.1474, 0.3211, 0.3165



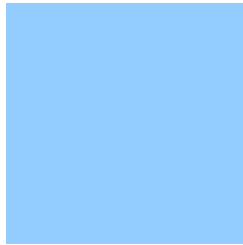
12.0482, 0.4845, 0.2443



1.1952, 0.4607, 0.2312

Previews

White Background



This preview shows how the Yxy color 56.6088, 0.2448, 0.2682 looks on a white background.

Color Contrast Check

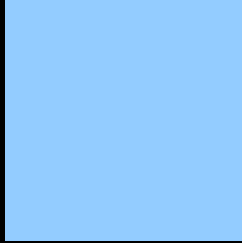
Large Text (above 18pt) WCAG AA × Fail

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 56.6088, 0.2448, 0.2682 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

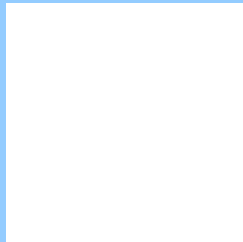
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6088, 0.2448, 0.2682

Background



This preview shows how black text looks on a background with the Yxy color 56.6088, 0.2448, 0.2682.



This preview shows how white text looks on a background with the Yxy color 56.6088, 0.2448, 0.2682.

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

56.6088, 0.2448, 0.2682

Protanopia

56.0601, 0.2686, 0.2671

Deuteranopia

56.1179, 0.2656, 0.2599



Tritanopia

56.5809, 0.2562, 0.3073

Trichromacy



Original Color

56.6088, 0.2448, 0.2682

Protanomaly

56.0111, 0.2595, 0.2672

Deuteranomaly

56.2661, 0.2573, 0.2631

Tritanomaly

56.4909, 0.2517, 0.2916

Monochromacy



Original Color

56.6088, 0.2448, 0.2682

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.1205, 0.2837, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6088, 0.2448, 0.2682 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(147, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 204, 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(147, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 204, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.6088, 0.2448, 0.2682 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(147, 204, 255) }
```

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

```
.border{ border-color:rgb(147, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(147, 204,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6088, 0.2448, 0.2682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 204, 255) }
```

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

```
.background{ background-color: rgb(147,  
204, 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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