

Converting Colors

$Yxy(56.1896, 0.2362, 0.2827)$

Have a look what the booklet for
Yxy(56.1896, 0.2362, 0.2827)
contains.

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Color

Yxy(56.1063, 0.2362, 0.2826)

Conversions

Conversions Part 1

Format	Color
Hex	76D1F6
RGB	118, 209, 246
RGB Percent	46%, 82%, 96%
CMY	0.5376, 0.1803, 0.0353
CMYK	0.52, 0.15, 0.00, 0.04
HSL	197°, 88%, 71%
HSV	197°, 52%, 96%
XYZ	46.8942, 56.1063, 95.5356
YIQ	186.0090, -66.1130, -7.7850

Conversions

Conversions Part 2

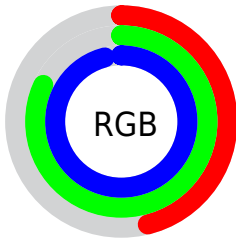
Format	Color
R _Y B	118, 171, 246
Decimal	7786998
CIE Lab	79.67, -17.30, -26.51
CIE LCh	80, 31.657, 236.878
Yxy	56.1063, 0.2362, 0.2826
Android (android.graphics.Color)	4285977078 (0xFF76D1F6)
YUV	186.0090, 29.5756, -59.6439
Hunter-Lab	74.9041, -19.3312, -23.1878

Details

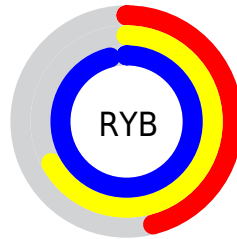
The Yxy color **56.1063, 0.2362, 0.2826** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **44.2963, 0.4409, 0.3687**, and the grayscale version is **48.9557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0871, 0.2686, 0.3289**, and **27.6132, 0.2175, 0.2685** is the 20% darker color. If you saturate the color by 10%, you get **51.1996, 0.2245, 0.2719**, and if you desaturate by 10%, it is **61.6213, 0.2494, 0.2929**.

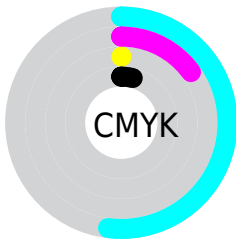
Distribution



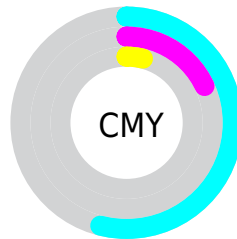
- Red (46%)
- Green (82%)
- Blue (96%)



- Red (46%)
- Yellow (67%)
- Blue (96%)



- Cyan (52%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (54%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1063, 0.2362, 0.2826 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 56.1063, 0.2362, 0.2826 by changing the saturation by 10% instead.

56.1063, 0.2362,
0.2826

56.1063, 0.2362,
0.2826

410.0920, 0.2720,
0.3056

40.2882, 0.2280,
0.2770

99.1600, 0.2487,
0.2908

27.7633, 0.2179,
0.2700

127.1643, 0.2535,
0.2940

18.1473, 0.2052,
0.2609

159.9995, 0.2577,
0.2966

11.0558, 0.1888,
0.2486

198.0499, 0.2613,
0.2989

6.1044, 0.1669,
0.2314

241.7000, 0.2645,
0.3009

2.9087, 0.1368,
0.2060

291.3341, 0.2673,

1.0842, 0.0916,

0.3027

0.1667

347.3366, 0.2698,
0.3042

0.0000, 0.0000,
0.0000

56.1063, 0.2362,
0.2826

56.1063, 0.2362,
0.2826

51.1996, 0.2245,
0.2719

61.6213, 0.2494,
0.2929

46.8572, 0.2146,
0.2609

67.7721, 0.2636,
0.3026

43.0380, 0.2067,
0.2499

74.5916, 0.2786,
0.3117

39.6903, 0.2008,
0.2389

82.1086, 0.2940,
0.3200

37.3090, 0.1973,
0.2304

90.3495, 0.3095,
0.3275

97.2942, 0.3182,
0.3344

99.4330, 0.3179,
0.3376

Harmonies

Analogous

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



56.1063, 0.2427, 0.3159



56.1063, 0.2362, 0.2826



56.1063, 0.2482, 0.2645

Triad

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



56.1063, 0.2362, 0.2826



56.1063, 0.3584, 0.3022



56.1063, 0.3454, 0.4041

Complementary

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



56.1063, 0.2362, 0.2826



44.2963, 0.4409, 0.3687

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.



56.1063, 0.3793, 0.3941



56.1063, 0.2362, 0.2826



56.1063, 0.3879, 0.3346

Square

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



56.1063, 0.2362, 0.2826



56.1063, 0.3170, 0.2767



56.1063, 0.3954, 0.3678



56.1063, 0.3042, 0.3907

Rectangle

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



56.1063, 0.2362, 0.2826



56.1063, 0.2657, 0.2617



56.1063, 0.3954, 0.3678



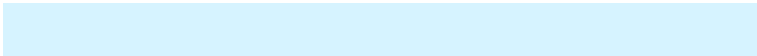
56.1063, 0.3581, 0.4031

Sweetspot

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



56.1084, 0.2362, 0.2826



85.7817, 0.2879, 0.3168



72.0882, 0.2883, 0.4492



18.0007, 0.2847, 0.3151



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.



56.1084, 0.2362, 0.2826



55.5380, 0.2245, 0.2718



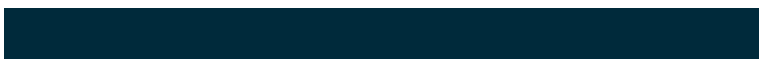
30.9495, 0.2191, 0.1976



17.9024, 0.2980, 0.3220



20.1690, 0.1978, 0.2321



1.9484, 0.2016, 0.2457

Inverse Universe

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



37.1292, 0.3551, 0.2355



34.4127, 0.3665, 0.2211



71.1615, 0.4026, 0.4315



16.6820, 0.3182, 0.3123



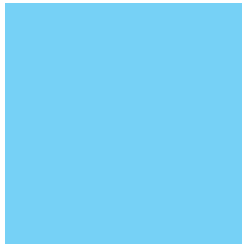
12.1354, 0.4104, 0.2034



1.0843, 0.3965, 0.1958

Previews

White Background



This preview shows how the Yxy color 56.1063, 0.2362, 0.2826 looks on a white background.

Color Contrast Check

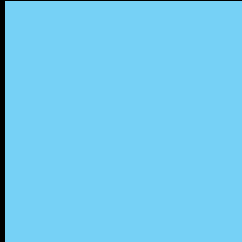
Large Text (above 18pt) WCAG AA × Fail

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 56.1063, 0.2362, 0.2826 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 56.1063, 0.2362, 0.2826

Background



This preview shows how black text looks on a background with the Yxy color 56.1063, 0.2362, 0.2826.

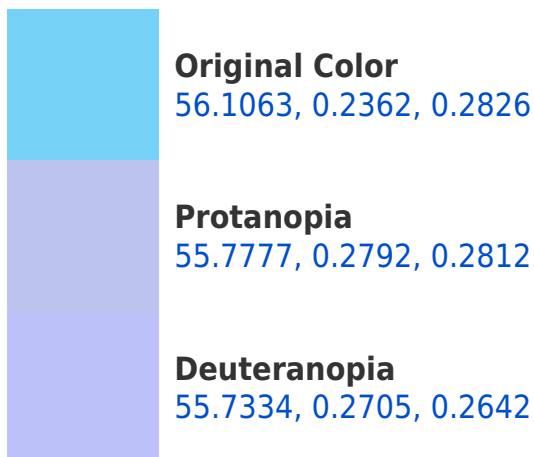


This preview shows how white text looks on a background with the Yxy color 56.1063, 0.2362, 0.2826.

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

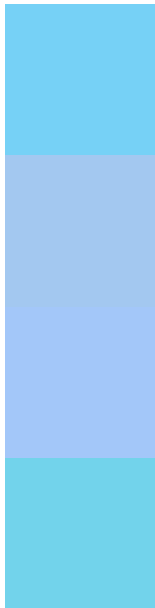




Tritanopia

56.1889, 0.2422, 0.3067

Trichromacy



Original Color

56.1063, 0.2362, 0.2826

Protanomaly

55.3864, 0.2610, 0.2807

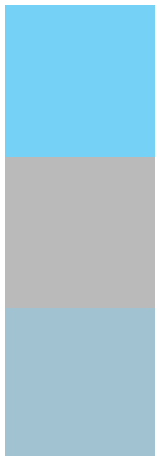
Deuteranomaly

55.4729, 0.2559, 0.2697

Tritanomaly

56.1641, 0.2400, 0.2980

Monochromacy



Original Color

56.1063, 0.2362, 0.2826

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.7147, 0.2781, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1063, 0.2362, 0.2826 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(118, 209, 246)` looks like.

```
.text, #text, p{  
    color:rgb(118, 209, 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(118, 209, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 209, 246) }
```

Border

The CSS property to change the border of an element to Yxy 56.1063, 0.2362, 0.2826 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(118, 209, 246) }
```

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

```
.border{ border-color:rgb(118, 209, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 209, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 209, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 209, 246); box-shadow:4px 4px 4px 4px rgb(118, 209, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1063, 0.2362, 0.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 209, 246) }
```

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

```
.background{ background-color: rgb(118,  
209, 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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