

Converting Colors

$Yxy(56.8557, 0.2762, 0.2777)$

Have a look what the booklet for
Yxy(56.8557, 0.2762, 0.2777)
contains.

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Color

Yxy(56.9747, 0.2763, 0.2782)

Conversions

Conversions Part 1

Format	Color
Hex	BCC5F1
RGB	188, 197, 241
RGB Percent	74%, 77%, 95%
CMY	0.2627, 0.2275, 0.0549
CMYK	0.22, 0.18, 0.00, 0.05
HSL	230°, 65%, 84%
HSV	230°, 22%, 95%
XYZ	56.5856, 56.9747, 91.2373
YIQ	199.3250, -19.4880, 11.7760

Conversions

Conversions Part 2

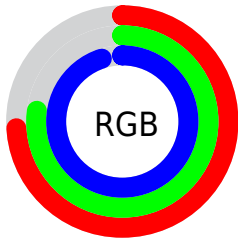
Format	Color
R_{YB}	188, 196, 241
Decimal	12371441
CIE Lab	80.17, 6.12, -22.75
CIE LCh	80, 23.559, 285.048
Yxy	56.9747, 0.2763, 0.2782
Android (android.graphics.Color)	4290561521 (0xFFBCC5F1)
YUV	199.3250, 20.5458, -9.9320
Hunter-Lab	75.4816, 1.7217, -18.8289

Details

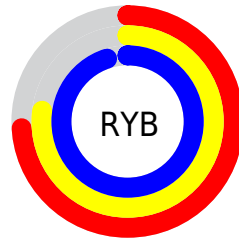
The Yxy color $56.9747, 0.2763, 0.2782$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $80.0595, 0.3478, 0.3751$, and the grayscale version is $57.2061, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.5161, 0.3066, 0.3280$, and $28.2160, 0.2668, 0.2650$ is the 20% darker color. If you saturate the color by 10%, you get $45.6730, 0.2575, 0.2508$, and if you desaturate by 10%, it is $69.9990, 0.2938, 0.3030$.

Distribution



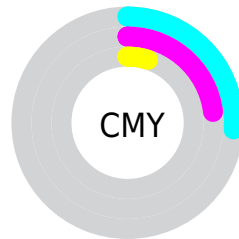
- Red (74%)
- Green (77%)
- Blue (95%)



- Red (74%)
- Yellow (77%)
- Blue (95%)



- Cyan (22%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (26%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9747, 0.2763, 0.2782 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 56.9747, 0.2763, 0.2782 by changing the saturation by 10% instead.

■ 56.9747, 0.2763,
0.2782

■ 56.9747, 0.2763,
0.2782

413.3545, 0.2938,
0.3022

■ 40.9849, 0.2722,
0.2726

■ 100.4283, 0.2825,
0.2866

■ 28.3073, 0.2670,
0.2657

128.6609, 0.2849,
0.2898

■ 18.5574, 0.2603,
0.2570

161.7432, 0.2869,
0.2926

■ 11.3509, 0.2514,
0.2454

200.0596, 0.2887,
0.2950

■ 6.3034, 0.2390,
0.2296

243.9946, 0.2902,
0.2971

■ 3.0304, 0.2206,
0.2068

293.9324, 0.2915,

■ 1.1476, 0.1913,

0.2990

0.1718

350.2576, 0.2927,
0.3007

0.0183, 0.0855,
0.0094

0.0000, 0.0000,
0.0000

56.9747, 0.2763,
0.2782

56.9747, 0.2763,
0.2782

45.6730, 0.2575,
0.2508

69.9990, 0.2938,
0.3030

36.0142, 0.2377,
0.2211

84.8070, 0.3097,
0.3250

27.9230, 0.2178,
0.1902

99.1312, 0.3209,
0.3425

21.3151, 0.1988,
0.1592

■ 16.0981, 0.1818,
0.1301

■ 12.1688, 0.1681,
0.1047

■ 9.4086, 0.1585,
0.0847

■ 7.9271, 0.1536,
0.0731

Harmonies

Analogous

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



56.9747, 0.2590, 0.2848



56.9747, 0.2763, 0.2782



56.9747, 0.3039, 0.2840

Triad

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



56.9747, 0.2763, 0.2782



56.9747, 0.3737, 0.3494



56.9747, 0.2891, 0.3603

Complementary

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



56.9747, 0.2763, 0.2782



80.0595, 0.3478, 0.3751

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.



56.9747, 0.3191, 0.3798



56.9747, 0.2763, 0.2782



56.9747, 0.3688, 0.3715

Square

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



56.9747, 0.2763, 0.2782



56.9747, 0.3613, 0.3238



56.9747, 0.3485, 0.3834



56.9747, 0.2660, 0.3315

Rectangle

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



56.9747, 0.2763, 0.2782



56.9747, 0.3249, 0.2940



56.9747, 0.3485, 0.3834



56.9747, 0.2986, 0.3683

Sweetspot

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



56.9770, 0.2763, 0.2782



87.6741, 0.3019, 0.3142



79.3934, 0.2853, 0.3397



18.5487, 0.3010, 0.3129



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.



56.9770, 0.2763, 0.2782



59.2808, 0.2687, 0.2673



55.2751, 0.2877, 0.2696



15.6617, 0.2980, 0.3088



4.4304, 0.1542, 0.0750



0.4929, 0.1601, 0.0963

Inverse Universe

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



58.7066, 0.3500, 0.3194



61.6935, 0.3592, 0.3175



82.4289, 0.3342, 0.3861



15.8026, 0.3267, 0.3250



10.2406, 0.6150, 0.3161



0.8645, 0.5815, 0.2977

Previews

White Background



This preview shows how the Yxy color 56.9747, 0.2763, 0.2782 looks on a white background.

Color Contrast Check

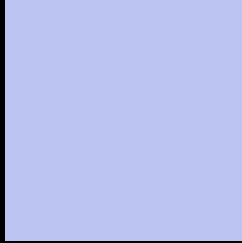
Large Text (above 18pt) WCAG AA × Fail

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 56.9747, 0.2763, 0.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

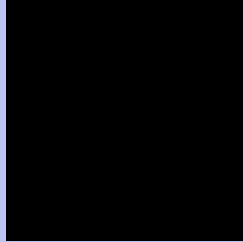
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9747, 0.2763, 0.2782

Background



This preview shows how black text looks on a background with the Yxy color 56.9747, 0.2763, 0.2782.



This preview shows how white text looks on a background with the Yxy color 56.9747, 0.2763, 0.2782.

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

56.9747, 0.2763, 0.2782

Protanopia

57.1022, 0.2770, 0.2783

Deuteranopia

56.7301, 0.2810, 0.2744



Tritanopia

56.8503, 0.2883, 0.3096

Trichromacy



Original Color

56.9747, 0.2763, 0.2782

Protanomaly

57.1022, 0.2770, 0.2783

Deuteranomaly

56.7785, 0.2790, 0.2753

Tritanomaly

57.1138, 0.2839, 0.2981

Monochromacy



Original Color

56.9747, 0.2763, 0.2782

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.8453, 0.2990, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9747, 0.2763, 0.2782 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(188, 197, 241)` looks like.

```
.text, #text, p{  
    color:rgb(188, 197, 241)  
}
```

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(188, 197, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 197, 241) }
```

Border

The CSS property to change the border of an element to Yxy 56.9747, 0.2763, 0.2782 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(188, 197, 241) }
```

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

```
.border{ border-color:rgb(188, 197, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 197, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 197, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 197, 241);  
box-shadow:4px 4px 4px 4px rgb(188, 197,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9747, 0.2763, 0.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 197, 241) }
```

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

```
.background{ background-color: rgb(188,  
197, 241) }
```

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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