

Converting Colors

$Yxy(56.4738, 0.2787, 0.2774)$

Have a look what the booklet for
Yxy(56.4738, 0.2787, 0.2774)
contains.

Yxy(56.3978, 0.2788, 0.2772)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.3978, 0.2788, 0.2772)

Conversions

Conversions Part 1

Format	Color
Hex	BFC3F0
RGB	191, 195, 240
RGB Percent	75%, 76%, 94%
CMY	0.2511, 0.2352, 0.0588
CMYK	0.20, 0.19, 0.00, 0.06
HSL	235°, 62%, 85%
HSV	235°, 20%, 94%
XYZ	56.7233, 56.3978, 90.3341
YIQ	198.9340, -16.8290, 13.1470

Conversions

Conversions Part 2

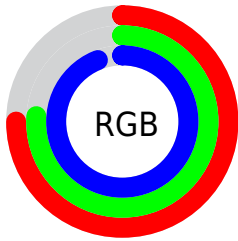
Format	Color
R _Y B	191, 195, 240
Decimal	12567536
CIE Lab	79.84, 7.86, -22.69
CIE LCh	80, 24.012, 289.111
Yxy	56.3978, 0.2788, 0.2772
Android (android.graphics.Color)	4290757616 (0xFFBFC3F0)
YUV	198.9340, 20.2455, -6.9581
Hunter-Lab	75.0985, 3.4022, -18.7496

Details

The Yxy color `56.3978, 0.2788, 0.2772` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `82.2535, 0.3443, 0.3760`, and the grayscale version is `56.9513, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.1708, 0.3085, 0.3251`, and `27.8288, 0.2700, 0.2637` is the 20% darker color. If you saturate the color by 10%, you get `44.3875, 0.2596, 0.2472`, and if you desaturate by 10%, it is `70.3778, 0.2964, 0.3042`.

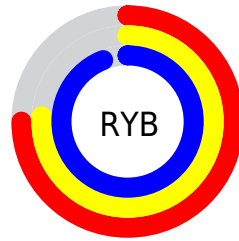
Distribution



Red (75%)

Green (76%)

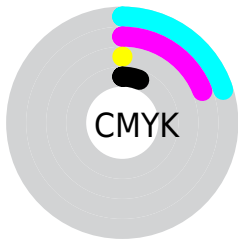
Blue (94%)



Red (75%)

Yellow (76%)

Blue (94%)

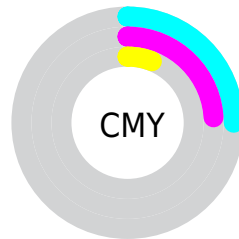


Cyan (20%)

Magenta (19%)

Yellow (0%)

Black (6%)



Cyan (25%)

Magenta (24%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3978, 0.2788, 0.2772 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 56.3978, 0.2788, 0.2772 by changing the saturation by 10% instead.

■ 56.3978, 0.2788,
0.2772

■ 56.3978, 0.2788,
0.2772

411.1889, 0.2952,
0.3016

■ 40.5220, 0.2749,
0.2715

■ 99.5860, 0.2846,
0.2857

■ 27.9457, 0.2700,
0.2645

127.6671, 0.2868,
0.2890

■ 18.2848, 0.2637,
0.2556

160.5854, 0.2887,
0.2919

■ 11.1546, 0.2552,
0.2438

198.7253, 0.2904,
0.2943

■ 6.1709, 0.2434,
0.2278

242.4712, 0.2918,
0.2965

■ 2.9493, 0.2258,
0.2047

292.2075, 0.2931,

■ 1.1053, 0.1974,

0.2984

0.1692

348.3186, 0.2942,
0.3001

0.0000, 0.0933,
0.0000

0.0000, 0.0000,
0.0000

56.3978, 0.2788,
0.2772

56.3978, 0.2788,
0.2772

44.3875, 0.2596,
0.2472

70.3778, 0.2964,
0.3042

34.2518, 0.2391,
0.2149

86.4034, 0.3121,
0.3280

25.8979, 0.2182,
0.1813

99.0713, 0.3214,
0.3434

19.2226, 0.1981,
0.1482

■ 14.1117, 0.1802,
0.1179

■ 10.4369, 0.1658,
0.0927

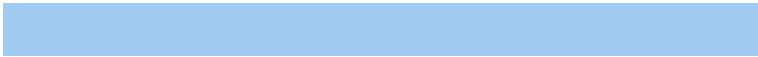
■ 8.0494, 0.1562,
0.0745

■ 6.7840, 0.1512,
0.0642

Harmonies

Analogous

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



56.3978, 0.2594, 0.2822



56.3978, 0.2788, 0.2772



56.3978, 0.3080, 0.2848

Triad

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



56.3978, 0.2788, 0.2772



56.3978, 0.3755, 0.3532



56.3978, 0.2847, 0.3573

Complementary

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



56.3978, 0.2788, 0.2772



82.2535, 0.3443, 0.3760

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.



56.3978, 0.3149, 0.3792



56.3978, 0.2788, 0.2772



56.3978, 0.3681, 0.3748

Square

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



56.3978, 0.2788, 0.2772



56.3978, 0.3651, 0.3272



56.3978, 0.3456, 0.3852



56.3978, 0.2627, 0.3274

Rectangle

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



56.3978, 0.2788, 0.2772



56.3978, 0.3295, 0.2958



56.3978, 0.3456, 0.3852



56.3978, 0.2942, 0.3660

Sweetspot

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



56.4001, 0.2788, 0.2772



88.5804, 0.3035, 0.3151



79.4447, 0.2844, 0.3334



18.7050, 0.3025, 0.3135



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.



56.4001, 0.2788, 0.2772



58.0367, 0.2700, 0.2636



57.4487, 0.2933, 0.2748



15.4380, 0.2979, 0.3066



3.7894, 0.1515, 0.0654



0.3869, 0.1551, 0.0783

Inverse Universe

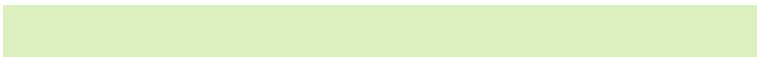
The Inverse Universe completely reimagines the original color for something new.



59.7154, 0.3503, 0.3247



62.6393, 0.3615, 0.3237



81.2301, 0.3293, 0.3824



15.7800, 0.3280, 0.3271



10.1759, 0.6310, 0.3250



0.8538, 0.6097, 0.3132

Previews

White Background



This preview shows how the Yxy color 56.3978, 0.2788, 0.2772 looks on a white background.

Color Contrast Check

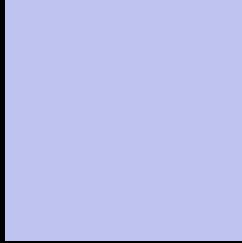
Large Text (above 18pt) WCAG AA × Fail

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 56.3978, 0.2788, 0.2772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

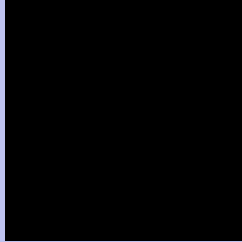
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3978, 0.2788, 0.2772

Background



This preview shows how black text looks on a background with the Yxy color 56.3978, 0.2788, 0.2772.



This preview shows how white text looks on a background with the Yxy color 56.3978, 0.2788, 0.2772.

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

56.3978, 0.2788, 0.2772

Protanopia

56.5221, 0.2762, 0.2770

Deuteranopia

56.1670, 0.2822, 0.2754



Tritanopia

56.1922, 0.2917, 0.3096

Trichromacy



Original Color

56.3978, 0.2788, 0.2772

Protanomaly

56.6495, 0.2769, 0.2771

Deuteranomaly

56.3442, 0.2809, 0.2763

Tritanomaly

56.4614, 0.2872, 0.2981

Monochromacy



Original Color

56.3978, 0.2788, 0.2772

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9790, 0.2998, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3978, 0.2788, 0.2772 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(191, 195, 240)` looks like.

```
.text, #text, p{  
    color:rgb(191, 195, 240)  
}
```

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(191, 195, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 195, 240) }
```

Border

The CSS property to change the border of an element to Yxy 56.3978, 0.2788, 0.2772 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(191, 195, 240) }
```

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

```
.border{ border-color:rgb(191, 195, 240) }
```

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

Here you see how a box with a 4 pixel rgb(191, 195, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 195, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 195, 240);  
box-shadow:4px 4px 4px 4px rgb(191, 195,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3978, 0.2788, 0.2772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 195, 240) }
```

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

```
.background{ background-color: rgb(191,  
195, 240) }
```

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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