

Converting Colors

Yxy(43.9826, 0.2681, 0.2659)

Have a look what the booklet for
Yxy(43.9826, 0.2681, 0.2659)
contains.

Yxy(44.0955, 0.2678, 0.2657)	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(44.0955, 0.2678, 0.2657)

Conversions

Conversions Part 1

Format	Color
Hex	A5AFE1
RGB	165, 175, 225
RGB Percent	65%, 69%, 88%
CMY	0.3528, 0.3138, 0.1175
CMYK	0.27, 0.22, 0.00, 0.12
HSL	230°, 50%, 76%
HSV	230°, 27%, 88%
XYZ	44.4440, 44.0955, 77.4202
YIQ	177.7100, -22.0100, 13.4300

Conversions

Conversions Part 2

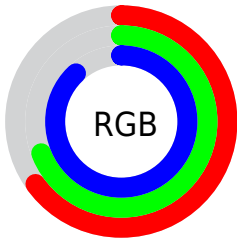
Format	Color
R _Y B	165, 174, 225
Decimal	10858465
CIE Lab	72.29, 7.52, -26.28
CIE LCh	72, 27.335, 285.960
Yxy	44.0955, 0.2678, 0.2657
Android (android.graphics.Color)	4289048545 (0xFFA5AFE1)
YUV	177.7100, 23.3140, -11.1467
Hunter-Lab	66.4044, 3.2610, -22.6425

Details

The Yxy color **44.0955, 0.2678, 0.2657** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **67.3601, 0.3555, 0.3852**, and the grayscale version is **44.2463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1858, 0.2916, 0.3031**, and **20.5129, 0.2551, 0.2489** is the 20% darker color. If you saturate the color by 10%, you get **35.0887, 0.2485, 0.2372**, and if you desaturate by 10%, it is **54.5453, 0.2859, 0.2917**.

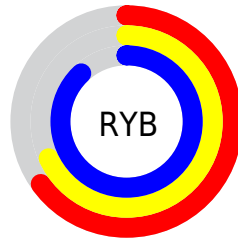
Distribution



Red (65%)

Green (69%)

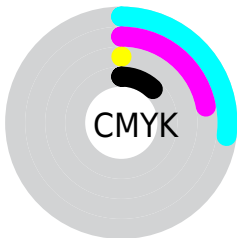
Blue (88%)



Red (65%)

Yellow (68%)

Blue (88%)

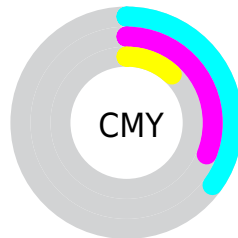


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (12%)



Cyan (35%)

Magenta (31%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0955, 0.2678, 0.2657 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 44.0955, 0.2678, 0.2657 by changing the saturation by 10% instead.

■ 44.0955, 0.2678,
0.2657

■ 44.0955, 0.2678,
0.2657

■ 363.0978, 0.2903,
0.2966

■ 30.7456, 0.2622,
0.2583

■ 81.3614, 0.2759,
0.2767

■ 20.4052, 0.2551,
0.2489

■ 106.0462, 0.2790,
0.2809

■ 12.6899, 0.2458,
0.2367

■ 135.2781, 0.2816,
0.2845

■ 7.2154, 0.2330,
0.2204

■ 169.4415, 0.2838,
0.2876

■ 3.5972, 0.2146,
0.1976

■ 208.9208, 0.2858,
0.2903

■ 1.4509, 0.1863,
0.1638

■ 254.1003, 0.2875,

■ 0.2538, 0.1283,

0.2927

0.0767

305.3646, 0.2890,
0.2948

0.0000, 0.0000,
0.0000

44.0955, 0.2678,
0.2657

44.0955, 0.2678,
0.2657

35.0887, 0.2485,
0.2372

54.5453, 0.2859,
0.2917

27.4558, 0.2286,
0.2068

66.4927, 0.3025,
0.3150

21.1299, 0.2090,
0.1757

79.9959, 0.3175,
0.3356

16.0360, 0.1908,
0.1454

95.1012, 0.3309,
0.3535

12.0916, 0.1752,
0.1177

98.2176, 0.3303,
0.3581

■ 9.2033, 0.1632,
0.0946

■ 7.2608, 0.1555,
0.0775

■ 6.7844, 0.1536,
0.0731

Harmonies

Analogous

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



44.0955, 0.2461, 0.2729



44.0955, 0.2678, 0.2657



44.0955, 0.3024, 0.2736

Triad

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



44.0955, 0.2678, 0.2657



44.0955, 0.3902, 0.3547



44.0955, 0.2816, 0.3679

Complementary

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



44.0955, 0.2678, 0.2657



67.3601, 0.3555, 0.3852

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.



44.0955, 0.3191, 0.3936



44.0955, 0.2678, 0.2657



44.0955, 0.3829, 0.3825

Square

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



44.0955, 0.2678, 0.2657



44.0955, 0.3750, 0.3229



44.0955, 0.3564, 0.3981



44.0955, 0.2535, 0.3306

Rectangle

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



44.0955, 0.2678, 0.2657



44.0955, 0.3290, 0.2861



44.0955, 0.3564, 0.3981



44.0955, 0.2935, 0.3784

Sweetspot

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



44.0973, 0.2678, 0.2657



85.9566, 0.3003, 0.3120



66.7739, 0.2795, 0.3410



17.8651, 0.2979, 0.3085



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.



44.0973, 0.2678, 0.2657



51.6712, 0.2572, 0.2501



42.6753, 0.2823, 0.2559



13.6093, 0.2981, 0.3088



4.0225, 0.1542, 0.0749



0.3918, 0.1612, 0.1002

Inverse Universe

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



46.0266, 0.3605, 0.3175



54.8867, 0.3743, 0.3150



69.5644, 0.3378, 0.3989



13.7375, 0.3266, 0.3251



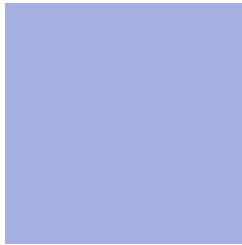
9.3141, 0.6152, 0.3162



0.6570, 0.5755, 0.2944

Previews

White Background



This preview shows how the Yxy color 44.0955, 0.2678, 0.2657 looks on a white background.

Color Contrast Check

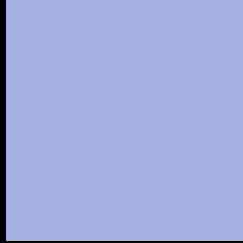
Large Text (above 18pt) WCAG AA × Fail

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 44.0955, 0.2678, 0.2657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

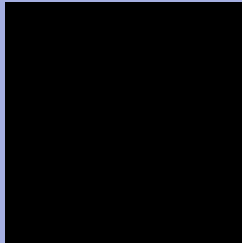
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0955, 0.2678, 0.2657

Background



This preview shows how black text looks on a background with the Yxy color 44.0955, 0.2678, 0.2657.



This preview shows how white text looks on a background with the Yxy color 44.0955, 0.2678, 0.2657.

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

44.0955, 0.2678, 0.2657

Protanopia

43.9887, 0.2671, 0.2656

Deuteranopia

44.1434, 0.2706, 0.2649



Tritanopia

43.9536, 0.2842, 0.3087

Trichromacy



Original Color

44.0955, 0.2678, 0.2657

Protanomaly

43.9887, 0.2671, 0.2656

Deuteranomaly

44.0332, 0.2699, 0.2648

Tritanomaly

43.8741, 0.2778, 0.2919

Monochromacy



Original Color

44.0955, 0.2678, 0.2657

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2686, 0.2952, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0955, 0.2678, 0.2657 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(165, 175, 225)` looks like.

```
.text, #text, p{  
    color:rgb(165, 175, 225)  
}
```

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(165, 175, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 175, 225) }
```

Border

The CSS property to change the border of an element to Yxy 44.0955, 0.2678, 0.2657 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(165, 175, 225) }
```

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

```
.border{ border-color:rgb(165, 175, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 175, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 175, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 175, 225);  
box-shadow:4px 4px 4px 4px rgb(165, 175,  
225) }
```


Background

The CSS property to change the background color of an element to `rgb(44.0955, 0.2678, 0.2657)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 175, 225) }
```

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

```
.background{ background-color: rgb(165,  
175, 225) }
```

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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