

Converting Colors

$Yxy(41.8218, 0.2747, 0.2766)$

Have a look what the booklet for
Yxy(41.8218, 0.2747, 0.2766)
contains.

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Color

Yxy(42.0450, 0.2746, 0.2766)

Conversions

Conversions Part 1

Format	Color
Hex	A3ACD4
RGB	163, 172, 212
RGB Percent	64%, 67%, 83%
CMY	0.3608, 0.3255, 0.1685
CMYK	0.23, 0.19, 0.00, 0.17
HSL	229°, 36%, 74%
HSV	229°, 23%, 83%
XYZ	41.7410, 42.0450, 68.2205
YIQ	173.8690, -18.2040, 10.5320

Conversions

Conversions Part 2

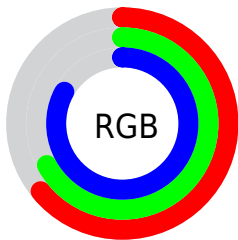
Format	Color
R _{YB}	163, 171, 212
Decimal	10726612
CIE _{Lab}	70.90, 5.48, -21.31
CIE _{LCh}	71, 22.000, 284.413
Yxy	42.0450, 0.2746, 0.2766
Android (android.graphics.Color)	4288916692 (0xFFA3ACD4)
YUV	173.8690, 18.7986, -9.5321
Hunter-Lab	64.8421, 1.4326, -16.9896

Details

The Yxy color $42.0450, 0.2746, 0.2766$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $59.3628, 0.3496, 0.3765$, and the grayscale version is $42.1659, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0636, 0.2896, 0.2998$, and $19.1823, 0.2635, 0.2628$ is the 20% darker color. If you saturate the color by 10%, you get $33.8293, 0.2559, 0.2496$, and if you desaturate by 10%, it is $51.4970, 0.2921, 0.3010$.

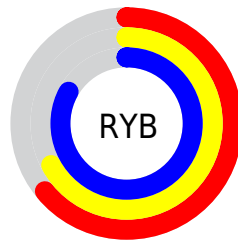
Distribution



Red (64%)

Green (67%)

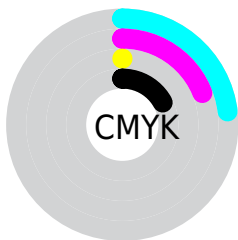
Blue (83%)



Red (64%)

Yellow (67%)

Blue (83%)

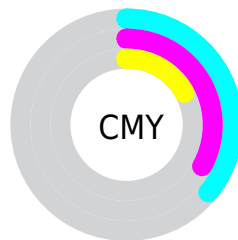


Cyan (23%)

Magenta (19%)

Yellow (0%)

Black (17%)



Cyan (36%)

Magenta (33%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0450, 0.2746, 0.2766 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 42.0450, 0.2746, 0.2766 by changing the saturation by 10% instead.

■ 42.0450, 0.2746,
0.2766

■ 42.0450, 0.2746,
0.2766

■ 354.6694, 0.2939,
0.3026

■ 29.1365, 0.2698,
0.2702

■ 78.2677, 0.2816,
0.2860

■ 19.1841, 0.2635,
0.2620

■ 102.3508, 0.2843,
0.2895

■ 11.8034, 0.2552,
0.2513

■ 130.9275, 0.2865,
0.2925

■ 6.6100, 0.2437,
0.2366

■ 164.3822, 0.2884,
0.2951

■ 3.2194, 0.2266,
0.2154

■ 203.0994, 0.2900,
0.2974

■ 1.2473, 0.1993,
0.1826

■ 247.4634, 0.2915,

■ 0.0998, 0.1101,

0.2993

0.0481

297.8586, 0.2928,
0.3011

0.0000, 0.0000,
0.0000

42.0450, 0.2746,
0.2766

42.0450, 0.2746,
0.2766

33.8293, 0.2559,
0.2496

51.4970, 0.2921,
0.3010

26.7933, 0.2364,
0.2206

62.2287, 0.3080,
0.3228

20.8834, 0.2168,
0.1903

74.2877, 0.3225,
0.3418

16.0398, 0.1982,
0.1600

87.7175, 0.3353,
0.3585

12.1968, 0.1816,
0.1314

97.5349, 0.3381,
0.3710

■ 9.2813, 0.1682,
0.1063

■ 7.2092, 0.1588,
0.0864

■ 6.2046, 0.1545,
0.0760

Harmonies

Analogous

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



42.0450, 0.2570, 0.2837



42.0450, 0.2746, 0.2766



42.0450, 0.3029, 0.2824

Triad

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



42.0450, 0.2746, 0.2766



42.0450, 0.3757, 0.3494



42.0450, 0.2888, 0.3619

Complementary

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



42.0450, 0.2746, 0.2766



59.3628, 0.3496, 0.3765

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.



42.0450, 0.3200, 0.3818



42.0450, 0.2746, 0.2766



42.0450, 0.3710, 0.3724

Square

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



42.0450, 0.2746, 0.2766



42.0450, 0.3624, 0.3230



42.0450, 0.3502, 0.3851



42.0450, 0.2649, 0.3322

Rectangle

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



42.0450, 0.2746, 0.2766



42.0450, 0.3246, 0.2925



42.0450, 0.3502, 0.3851



42.0450, 0.2988, 0.3701

Sweetspot

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



42.0467, 0.2746, 0.2766



87.8249, 0.3019, 0.3145



59.1608, 0.2846, 0.3413



18.5835, 0.3010, 0.3132



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.



42.0467, 0.2746, 0.2766



57.1693, 0.2651, 0.2630



40.3747, 0.2857, 0.2666



12.3743, 0.2982, 0.3094



3.9360, 0.1550, 0.0778



0.3500, 0.1634, 0.1081

Inverse Universe

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



43.1702, 0.3515, 0.3181



59.3937, 0.3630, 0.3155



61.6578, 0.3357, 0.3886



12.4577, 0.3262, 0.3247



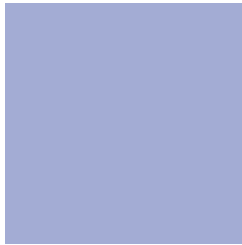
8.7422, 0.6105, 0.3137



0.5387, 0.5638, 0.2880

Previews

White Background



This preview shows how the Yxy color 42.0450, 0.2746, 0.2766 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 42.0450, 0.2746, 0.2766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

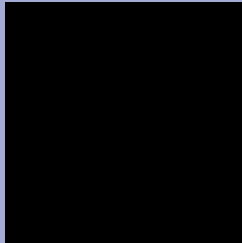
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0450, 0.2746, 0.2766

Background



This preview shows how black text looks on a background with the Yxy color 42.0450, 0.2746, 0.2766.



This preview shows how white text looks on a background with the Yxy color 42.0450, 0.2746, 0.2766.

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

42.0450, 0.2746, 0.2766

Protanopia

42.1510, 0.2754, 0.2767

Deuteranopia

42.0996, 0.2792, 0.2736



Tritanopia

42.1393, 0.2875, 0.3097

Trichromacy



Original Color

42.0450, 0.2746, 0.2766

Protanomaly

42.1510, 0.2754, 0.2767

Deuteranomaly

42.1454, 0.2769, 0.2746

Tritanomaly

42.2107, 0.2824, 0.2979

Monochromacy



Original Color

42.0450, 0.2746, 0.2766

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0640, 0.2980, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0450, 0.2746, 0.2766 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(163, 172, 212)` looks like.

```
.text, #text, p{  
    color:rgb(163, 172, 212)  
}
```

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(163, 172, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 172, 212) }
```

Border

The CSS property to change the border of an element to Yxy 42.0450, 0.2746, 0.2766 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(163, 172, 212) }
```

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

```
.border{ border-color:rgb(163, 172, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 172, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 172, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 172, 212);  
box-shadow:4px 4px 4px 4px rgb(163, 172,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0450, 0.2746, 0.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 172, 212) }
```

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

```
.background{ background-color: rgb(163,  
172, 212) }
```

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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