

Converting Colors

$Yxy(42.4514, 0.2692, 0.2683)$

Have a look what the booklet for
Yxy(42.4514, 0.2692, 0.2683)
contains.

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Color

Yxy(42.3009, 0.2691, 0.2683)

Conversions

Conversions Part 1

Format	Color
Hex	A2ACDB
RGB	162, 172, 219
RGB Percent	64%, 67%, 86%
CMY	0.3650, 0.3254, 0.1412
CMYK	0.26, 0.21, 0.00, 0.14
HSL	229°, 44%, 75%
HSV	229°, 26%, 86%
XYZ	42.4270, 42.3009, 72.9348
YIQ	174.3680, -21.0470, 12.4970

Conversions

Conversions Part 2

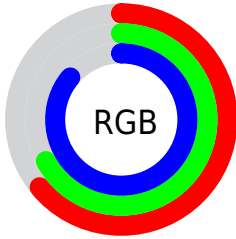
Format	Color
RYB	162, 171, 219
Decimal	10661083
CIELab	71.08, 6.79, -24.86
CIELCh	71, 25.769, 285.274
Yxy	42.3009, 0.2691, 0.2683
Android (android.graphics.Color)	4288851163 (0xFFA2ACDB)
YUV	174.3680, 22.0036, -10.8467
Hunter-Lab	65.0391, 2.6225, -20.9603

Details

The Yxy color $42.3009, 0.2691, 0.2683$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $63.2132, 0.3546, 0.3832$, and the grayscale version is $42.4150, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0636, 0.2896, 0.2998$, and $19.3645, 0.2565, 0.2518$ is the 20% darker color. If you saturate the color by 10%, you get $33.8031, 0.2500, 0.2403$, and if you desaturate by 10%, it is $52.1321, 0.2870, 0.2938$.

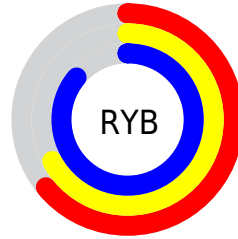
Distribution



Red (64%)

Green (67%)

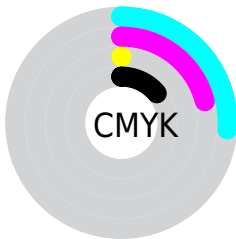
Blue (86%)



Red (64%)

Yellow (67%)

Blue (86%)

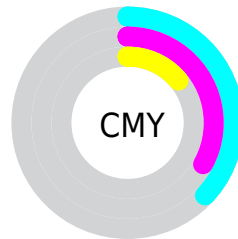


Cyan (26%)

Magenta (21%)

Yellow (0%)

Black (14%)



Cyan (37%)

Magenta (33%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3009, 0.2691, 0.2683 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 42.3009, 0.2691, 0.2683 by changing the saturation by 10% instead.

■ 42.3009, 0.2691,
0.2683

■ 42.3009, 0.2691,
0.2683

■ 355.7288, 0.2911,
0.2982

■ 29.3370, 0.2636,
0.2610

■ 78.6548, 0.2771,
0.2791

■ 19.3359, 0.2566,
0.2518

■ 102.8136, 0.2801,
0.2831

■ 11.9132, 0.2472,
0.2397

■ 131.4728, 0.2826,
0.2866

■ 6.6846, 0.2344,
0.2234

■ 165.0168, 0.2848,
0.2896

■ 3.2657, 0.2156,
0.2002

■ 203.8300, 0.2867,
0.2922

■ 1.2720, 0.1863,
0.1654

■ 248.2968, 0.2884,

■ 0.1193, 0.1083,

0.2944

0.0463

298.8016, 0.2898,
0.2964

0.0000, 0.0000,
0.0000

42.3009, 0.2691,
0.2683

42.3009, 0.2691,
0.2683

33.8031, 0.2500,
0.2403

52.1321, 0.2870,
0.2938

26.5757, 0.2303,
0.2105

63.3458, 0.3035,
0.3165

20.5580, 0.2108,
0.1798

75.9951, 0.3184,
0.3366

15.6824, 0.1925,
0.1496

90.1285, 0.3317,
0.3541

11.8745, 0.1767,
0.1218

97.8936, 0.3340,
0.3641

■ 9.0501, 0.1645,
0.0982

■ 7.1113, 0.1564,
0.0802

■ 6.5468, 0.1541,
0.0747

Harmonies

Analogous

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



42.3009, 0.2485, 0.2757



42.3009, 0.2691, 0.2683



42.3009, 0.3021, 0.2755

Triad

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



42.3009, 0.2691, 0.2683



42.3009, 0.3866, 0.3531



42.3009, 0.2837, 0.3669

Complementary

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



42.3009, 0.2691, 0.2683



63.2132, 0.3546, 0.3832

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.



42.3009, 0.3198, 0.3909



42.3009, 0.2691, 0.2683



42.3009, 0.3803, 0.3798

Square

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



42.3009, 0.2691, 0.2683



42.3009, 0.3717, 0.3226



42.3009, 0.3553, 0.3949



42.3009, 0.2565, 0.3314

Rectangle

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



42.3009, 0.2691, 0.2683



42.3009, 0.3275, 0.2873



42.3009, 0.3553, 0.3949



42.3009, 0.2952, 0.3768

Sweetspot

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



42.3026, 0.2691, 0.2683



86.0843, 0.3003, 0.3122



62.9092, 0.2808, 0.3419



17.8970, 0.2979, 0.3088



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.



42.3026, 0.2691, 0.2683



53.2409, 0.2593, 0.2540



40.6349, 0.2824, 0.2577



12.9877, 0.2981, 0.3092



3.9953, 0.1546, 0.0766



0.3727, 0.1624, 0.1045

Inverse Universe

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



43.8549, 0.3584, 0.3171



56.0057, 0.3709, 0.3145



65.6672, 0.3379, 0.3969



13.0889, 0.3264, 0.3249



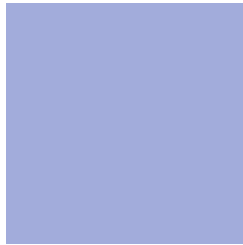
9.0271, 0.6124, 0.3147



0.5963, 0.5692, 0.2909

Previews

White Background



This preview shows how the Yxy color 42.3009, 0.2691, 0.2683 looks on a white background.

Color Contrast Check

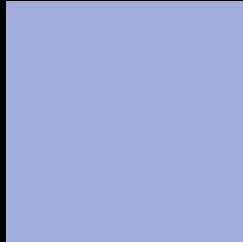
Large Text (above 18pt) WCAG AA × Fail

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 42.3009, 0.2691, 0.2683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

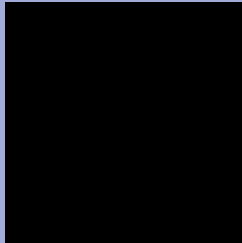
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3009, 0.2691, 0.2683

Background



This preview shows how black text looks on a background with the Yxy color 42.3009, 0.2691, 0.2683.



This preview shows how white text looks on a background with the Yxy color 42.3009, 0.2691, 0.2683.

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

42.3009, 0.2691, 0.2683

Protanopia

42.3009, 0.2691, 0.2683

Deuteranopia

42.0794, 0.2727, 0.2662



Tritanopia

42.2738, 0.2845, 0.3097

Trichromacy



Original Color

42.3009, 0.2691, 0.2683

Protanomaly

42.3009, 0.2691, 0.2683

Deuteranomaly

42.2396, 0.2713, 0.2673

Tritanomaly

42.1461, 0.2787, 0.2939

Monochromacy



Original Color

42.3009, 0.2691, 0.2683

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.1509, 0.2965, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3009, 0.2691, 0.2683 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(162, 172, 219)` looks like.

```
.text, #text, p{  
    color:rgb(162, 172, 219)  
}
```

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(162, 172, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 172, 219) }
```

Border

The CSS property to change the border of an element to Yxy 42.3009, 0.2691, 0.2683 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(162, 172, 219) }
```

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

```
.border{ border-color:rgb(162, 172, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 172, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 172, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 172, 219);  
box-shadow:4px 4px 4px 4px rgb(162, 172,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3009, 0.2691, 0.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 172, 219) }
```

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

```
.background{ background-color: rgb(162,  
172, 219) }
```

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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