

Converting Colors

Yxy(52.2634, 0.2798, 0.2711)

Have a look what the booklet for
Yxy(52.2634, 0.2798, 0.2711)
contains.

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Color

Yxy(52.1211, 0.2800, 0.2706)

Conversions

Conversions Part 1

Format	Color
Hex	BEBAEC
RGB	190, 186, 236
RGB Percent	75%, 73%, 93%
CMY	0.2549, 0.2706, 0.0746
CMYK	0.19, 0.21, 0.00, 0.07
HSL	245°, 57%, 83%
HSV	245°, 21%, 93%
XYZ	53.9317, 52.1211, 86.5603
YIQ	192.8960, -13.6660, 16.3980

Conversions

Conversions Part 2

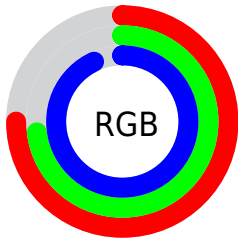
Format	Color
R _Y B	190, 186, 236
Decimal	12499692
CIE Lab	77.35, 11.56, -24.32
CIE LCh	77, 26.927, 295.416
Yxy	52.1211, 0.2800, 0.2706
Android (android.graphics.Color)	4290689772 (0xFFBEBAEC)
YUV	192.8960, 21.2503, -2.5398
Hunter-Lab	72.1949, 7.0034, -20.5511

Details

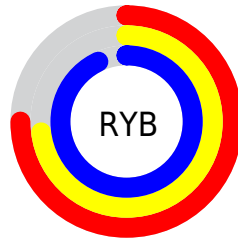
The Yxy color **52.1211, 0.2800, 0.2706** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.6803, 0.3418, 0.3823**, and the grayscale version is **53.1439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4984, 0.3082, 0.3163**, and **25.3046, 0.2712, 0.2563** is the 20% darker color. If you saturate the color by 10%, you get **40.3965, 0.2615, 0.2383**, and if you desaturate by 10%, it is **65.9083, 0.2966, 0.3000**.

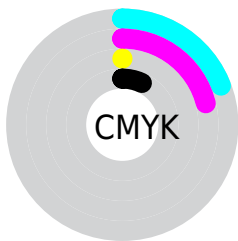
Distribution



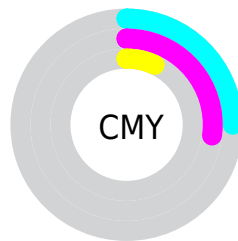
- Red (75%)
- Green (73%)
- Blue (93%)



- Red (75%)
- Yellow (73%)
- Blue (93%)



- Cyan (19%)
- Magenta (21%)
- Yellow (0%)
- Black (7%)



- Cyan (25%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1211, 0.2800, 0.2706 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 52.1211, 0.2800, 0.2706 by changing the saturation by 10% instead.

■ 52.1211, 0.2800,
0.2706

■ 52.1211, 0.2800,
0.2706

■ 394.9039, 0.2961,
0.2983

■ 37.1016, 0.2761,
0.2642

■ 93.3098, 0.2858,
0.2803

■ 25.2862, 0.2711,
0.2561

■ 120.2478, 0.2880,
0.2840

■ 16.2904, 0.2647,
0.2459

■ 151.9275, 0.2898,
0.2873

■ 9.7299, 0.2559,
0.2324

■ 188.7331, 0.2914,
0.2900

■ 5.2202, 0.2435,
0.2140

■ 231.0492, 0.2928,
0.2925

■ 2.3770, 0.2246,
0.1874

■ 279.2601, 0.2941,

■ 0.8140, 0.1934,

0.2946

0.1465

333.7502, 0.2951,
0.2966

0.0000, 0.0025,
0.0000

0.0000, 0.0000,
0.0000

52.1211, 0.2800,
0.2706

52.1211, 0.2800,
0.2706

40.3965, 0.2615,
0.2383

65.9083, 0.2966,
0.3000

30.6293, 0.2416,
0.2038

81.8440, 0.3111,
0.3261

22.7146, 0.2209,
0.1688

98.8351, 0.3238,
0.3474

16.5350, 0.2006,
0.1352

■ 11.9599, 0.1824,
0.1057

■ 8.8397, 0.1675,
0.0827

■ 6.9970, 0.1572,
0.0679

■ 6.1920, 0.1520,
0.0611

Harmonies

Analogous

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



52.1211, 0.2552, 0.2729



52.1211, 0.2800, 0.2706



52.1211, 0.3148, 0.2820

Triad

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



52.1211, 0.2800, 0.2706



52.1211, 0.3850, 0.3622



52.1211, 0.2742, 0.3548

Complementary

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



52.1211, 0.2800, 0.2706



80.6803, 0.3418, 0.3823

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.



52.1211, 0.3073, 0.3833



52.1211, 0.2800, 0.2706



52.1211, 0.3721, 0.3853

Square

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



52.1211, 0.2800, 0.2706



52.1211, 0.3773, 0.3329



52.1211, 0.3433, 0.3942



52.1211, 0.2519, 0.3196

Rectangle

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



52.1211, 0.2800, 0.2706



52.1211, 0.3395, 0.2959



52.1211, 0.3433, 0.3942



52.1211, 0.2843, 0.3657

Sweetspot

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



52.1232, 0.2800, 0.2706



88.0507, 0.3043, 0.3139



74.5753, 0.2809, 0.3252



18.5804, 0.3034, 0.3122



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.



52.1232, 0.2800, 0.2706



56.3724, 0.2730, 0.2582



55.5215, 0.2983, 0.2736



14.6064, 0.2992, 0.3047



3.4353, 0.1526, 0.0614



0.2897, 0.1592, 0.0651

Inverse Universe

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



58.7765, 0.3182, 0.2804



65.5271, 0.3193, 0.2712



76.8873, 0.3246, 0.3853



15.2918, 0.3150, 0.3076



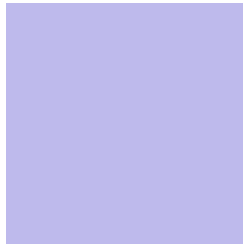
12.6046, 0.3420, 0.1658



0.9959, 0.3388, 0.1640

Previews

White Background



This preview shows how the Yxy color 52.1211, 0.2800, 0.2706 looks on a white background.

Color Contrast Check

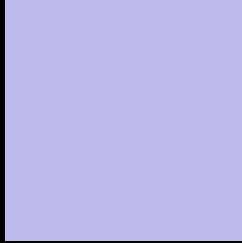
Large Text (above 18pt) WCAG AA × Fail

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 52.1211, 0.2800, 0.2706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

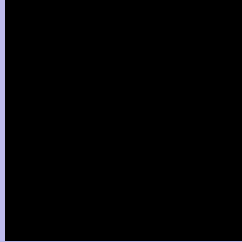
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1211, 0.2800, 0.2706

Background



This preview shows how black text looks on a background with the Yxy color 52.1211, 0.2800, 0.2706.



This preview shows how white text looks on a background with the Yxy color 52.1211, 0.2800, 0.2706.

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

52.1211, 0.2800, 0.2706

Protanopia

52.1519, 0.2712, 0.2708

Deuteranopia

52.1616, 0.2779, 0.2714



Tritanopia

52.0321, 0.2970, 0.3104

Trichromacy



Original Color

52.1211, 0.2800, 0.2706

Protanomaly

52.1481, 0.2745, 0.2711

Deuteranomaly

52.2881, 0.2786, 0.2715

Tritanomaly

51.9697, 0.2907, 0.2950

Monochromacy



Original Color

52.1211, 0.2800, 0.2706

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.6368, 0.3003, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1211, 0.2800, 0.2706 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(190, 186, 236)` looks like.

```
.text, #text, p{  
    color:rgb(190, 186, 236)  
}
```

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(190, 186, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 186, 236) }
```

Border

The CSS property to change the border of an element to Yxy 52.1211, 0.2800, 0.2706 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(190, 186, 236) }
```

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

```
.border{ border-color:rgb(190, 186, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 186, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 186, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 186, 236);  
box-shadow:4px 4px 4px 4px rgb(190, 186,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1211, 0.2800, 0.2706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 186, 236) }
```

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

```
.background{ background-color: rgb(190,  
186, 236) }
```

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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