

Converting Colors

$Y_{xy}(54.1150, 0.2992, 0.2982)$

Have a look what the booklet for
Yxy(54.1150, 0.2992, 0.2982)
contains.

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Color

Yxy(54.2771, 0.2992, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	C6BFD9
RGB	198, 191, 217
RGB Percent	78%, 75%, 85%
CMY	0.2235, 0.2509, 0.1491
CMYK	0.09, 0.12, 0.00, 0.15
HSL	256°, 25%, 80%
HSV	256°, 12%, 85%
XYZ	54.4409, 54.2771, 73.2368
YIQ	196.0570, -4.1740, 9.5700

Conversions

Conversions Part 2

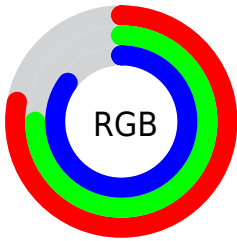
Format	Color
R_{YB}	198, 191, 217
Decimal	13025241
CIE Lab	78.62, 7.38, -12.09
CIE LCh	79, 14.167, 301.404
Yxy	54.2771, 0.2992, 0.2983
Android (android.graphics.Color)	4291215321 (0xFFC6BFD9)
YUV	196.0570, 10.3249, 1.7040
Hunter-Lab	73.6730, 2.9753, -7.3679

Details

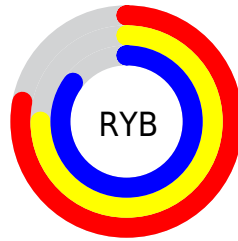
The Yxy color $54.2771, 0.2992, 0.2983$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $67.0759, 0.3252, 0.3589$, and the grayscale version is $55.1772, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $26.7149, 0.2955, 0.2912$ is the 20% darker color. If you saturate the color by 10%, you get $43.4625, 0.2860, 0.2697$, and if you desaturate by 10%, it is $66.7238, 0.3107, 0.3242$.

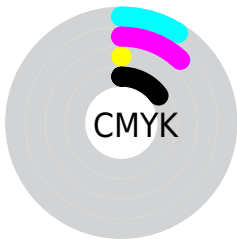
Distribution



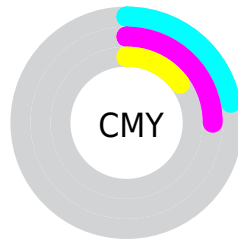
- Red (78%)
- Green (75%)
- Blue (85%)



- Red (78%)
- Yellow (75%)
- Blue (85%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2771, 0.2992, 0.2983 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 54.2771, 0.2992, 0.2983 by changing the saturation by 10% instead.

■ 54.2771, 0.2992,
0.2983

■ 54.2771, 0.2992,
0.2983

403.1658, 0.3059,
0.3130

■ 38.8232, 0.2976,
0.2948

■ 96.4810, 0.3016,
0.3035

■ 26.6222, 0.2955,
0.2904

123.9998, 0.3025,
0.3055

■ 17.2897, 0.2928,
0.2848

156.3091, 0.3033,
0.3072

■ 10.4413, 0.2891,
0.2772

193.7932, 0.3039,
0.3087

■ 5.6925, 0.2837,
0.2666

236.8365, 0.3045,
0.3100

■ 2.6590, 0.2752,
0.2505

285.8234, 0.3050,

■ 0.9564, 0.2600,

0.3111

0.2236

341.1384, 0.3055,
0.3121

■ 0.0000, 0.0494,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2771, 0.2992,
0.2983

■ 54.2771, 0.2992,
0.2983

■ 43.4625, 0.2860,
0.2697

■ 66.7238, 0.3107,
0.3242

■ 34.2049, 0.2712,
0.2388

■ 80.8599, 0.3205,
0.3474

■ 26.4332, 0.2548,
0.2064

■ 96.0437, 0.3290,
0.3668

■ 20.0684, 0.2373,
0.1737

■ 97.7886, 0.3352,
0.3661

■ 15.0235, 0.2194,
0.1424

■ 11.2022, 0.2022,
0.1146

■ 8.4940, 0.1867,
0.0923

■ 6.7678, 0.1738,
0.0767

■ 5.9204, 0.1657,
0.0687

Harmonies

Analogous

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



54.2771, 0.2844, 0.2985



54.2771, 0.2992, 0.2983



54.2771, 0.3180, 0.3058

Triad

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



54.2771, 0.2992, 0.2983



54.2771, 0.3496, 0.3500



54.2771, 0.2897, 0.3389

Complementary

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



54.2771, 0.2992, 0.2983



67.0759, 0.3252, 0.3589

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.



54.2771, 0.3066, 0.3540



54.2771, 0.2992, 0.2983



54.2771, 0.3414, 0.3601

Square

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



54.2771, 0.2992, 0.2983



54.2771, 0.3476, 0.3350



54.2771, 0.3255, 0.3618



54.2771, 0.2791, 0.3214

Rectangle

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



54.2771, 0.2992, 0.2983



54.2771, 0.3304, 0.3141



54.2771, 0.3255, 0.3618



54.2771, 0.2948, 0.3445

Sweetspot

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



54.2794, 0.2992, 0.2983



92.2774, 0.3084, 0.3191



62.2051, 0.2943, 0.3208



19.4498, 0.3076, 0.3172



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.



54.2794, 0.2992, 0.2983



74.6829, 0.2965, 0.2923



56.1106, 0.3093, 0.2992



12.7859, 0.3023, 0.3051



3.6293, 0.1669, 0.0693



0.2772, 0.1841, 0.0788

Inverse Universe

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



56.6660, 0.3194, 0.3074



78.6961, 0.3207, 0.3034



65.2556, 0.3157, 0.3598



13.2119, 0.3179, 0.3121



10.4550, 0.4027, 0.1992



0.6914, 0.3864, 0.1902

Previews

White Background



This preview shows how the Yxy color 54.2771, 0.2992, 0.2983 looks on a white background.

Color Contrast Check

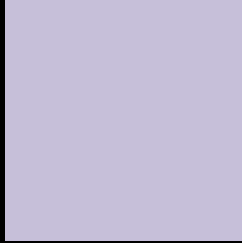
Large Text (above 18pt) WCAG AA × Fail

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 54.2771, 0.2992, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

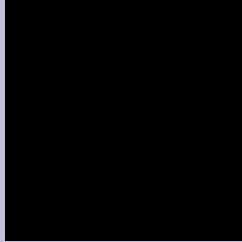
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2771, 0.2992, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 54.2771, 0.2992, 0.2983.



This preview shows how white text looks on a background with the Yxy color 54.2771, 0.2992, 0.2983.

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

54.2771, 0.2992, 0.2983

Protanopia

54.2782, 0.2932, 0.2991

Deuteranopia

54.1015, 0.3031, 0.2962



Tritanopia

54.4298, 0.3041, 0.3110

Trichromacy



Original Color

54.2771, 0.2992, 0.2983

Protanomaly

54.2306, 0.2954, 0.2981

Deuteranomaly

54.2542, 0.3015, 0.2973

Tritanomaly

54.2727, 0.3027, 0.3063

Monochromacy



Original Color

54.2771, 0.2992, 0.2983

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.8135, 0.3077, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2771, 0.2992, 0.2983 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(198, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(198, 191, 217)  
}
```

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(198, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 191, 217) }
```

Border

The CSS property to change the border of an element to Yxy 54.2771, 0.2992, 0.2983 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(198, 191, 217) }
```

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

```
.border{ border-color:rgb(198, 191, 217) }
```

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

Here you see how a box with a 4 pixel rgb(198, 191, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 191, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 191, 217);  
box-shadow:4px 4px 4px 4px rgb(198, 191,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2771, 0.2992, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 191, 217) }
```

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

```
.background{ background-color: rgb(198,  
191, 217) }
```

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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