

Converting Colors

Yxy(53.5389, 0.2966, 0.2496)

Have a look what the booklet for
Yxy(53.5389, 0.2966, 0.2496)
contains.

Yxy(53.5696, 0.2965, 0.2496)	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(53.5696, 0.2965, 0.2496)

Conversions

Conversions Part 1

Format	Color
Hex	E1AFFA
RGB	225, 175, 250
RGB Percent	88%, 69%, 98%
CMY	0.1176, 0.3137, 0.0197
CMYK	0.10, 0.30, 0.00, 0.02
HSL	280°, 88%, 83%
HSV	280°, 30%, 98%
XYZ	63.6354, 53.5696, 97.4168
YIQ	198.5000, 5.7250, 33.9250

Conversions

Conversions Part 2

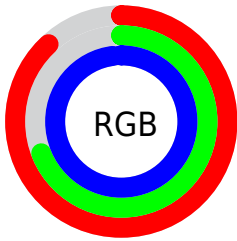
Format	Color
R _Y B	225, 175, 250
Decimal	14790650
CIE Lab	78.21, 31.33, -30.29
CIE LCh	78, 43.578, 315.973
Yxy	53.5696, 0.2965, 0.2496
Android (android.graphics.Color)	4292980730 (0xFFE1AFFA)
YUV	198.5000, 25.3895, 23.2405
Hunter-Lab	73.1913, 27.1102, -27.6805

Details

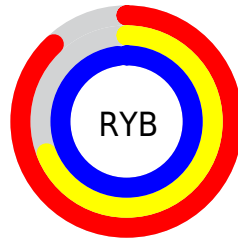
The Yxy color $53.5696, 0.2965, 0.2496$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $83.7362, 0.3243, 0.4130$, and the grayscale version is $56.6333, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6318, 0.3138, 0.3058$, and $26.2043, 0.2918, 0.2321$ is the 20% darker color. If you saturate the color by 10%, you get $43.4183, 0.2893, 0.2216$, and if you desaturate by 10%, it is $65.5919, 0.3028, 0.2773$.

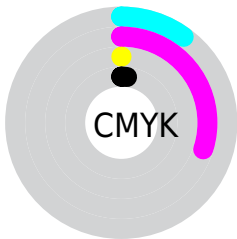
Distribution



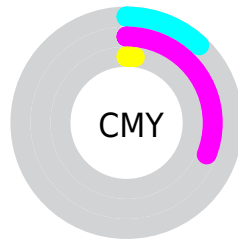
- Red (88%)
- Green (69%)
- Blue (98%)



- Red (88%)
- Yellow (69%)
- Blue (98%)



- Cyan (10%)
- Magenta (30%)
- Yellow (0%)
- Black (2%)





- Cyan (12%)
- Magenta (31%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5696, 0.2965, 0.2496 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 53.5696, 0.2965, 0.2496 by changing the saturation by 10% instead.


 53.5696, 0.2965,
0.2496

 53.5696, 0.2965,
0.2496


400.4666, 0.3051,
0.2858

 38.2577, 0.2943,
0.2415


 95.4420, 0.2997,
0.2620

 26.1827, 0.2914,
0.2316


122.7713, 0.3009,
0.2669

 16.9604, 0.2875,
0.2193


154.8751, 0.3019,
0.2711

 10.2063, 0.2821,
0.2035

192.1379, 0.3027,
0.2748

 5.5359, 0.2743,
0.1828

234.9441, 0.3035,
0.2781

 2.5650, 0.2619,
0.1546

283.6780, 0.3041,

 0.9091, 0.2406,

0.2810

0.1152

338.7240, 0.3046,
0.2835

0.0000, 0.2048,
0.0000

0.0000, 0.0000,
0.0000

53.5696, 0.2965,
0.2496

53.5696, 0.2965,
0.2496

43.4183, 0.2893,
0.2216

65.5919, 0.3028,
0.2773

35.0308, 0.2813,
0.1943

79.5712, 0.3082,
0.3039

28.2992, 0.2726,
0.1690

95.5963, 0.3127,
0.3290

23.1007, 0.2635,
0.1469

99.6813, 0.3156,
0.3338

■ 19.2949, 0.2543,
0.1291

■ 16.7145, 0.2454,
0.1162

■ 15.0845, 0.2369,
0.1079

■ 15.0836, 0.2369,
0.1079

Harmonies

Analogous

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



53.5696, 0.2467, 0.2378



53.5696, 0.2965, 0.2496



53.5696, 0.3559, 0.2782

Triad

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



53.5696, 0.2965, 0.2496



53.5696, 0.4161, 0.4053



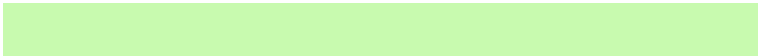
53.5696, 0.2260, 0.3296

Complementary

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



53.5696, 0.2965, 0.2496



83.7362, 0.3243, 0.4130

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.



53.5696, 0.2656, 0.3886



53.5696, 0.2965, 0.2496



53.5696, 0.3755, 0.4322

Square

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



53.5696, 0.2965, 0.2496



53.5696, 0.4286, 0.3634



53.5696, 0.3201, 0.4286



53.5696, 0.2092, 0.2777

Rectangle

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



53.5696, 0.2965, 0.2496



53.5696, 0.3918, 0.3041



53.5696, 0.3201, 0.4286



53.5696, 0.2369, 0.3496

Sweetspot

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



53.5719, 0.2965, 0.2496



84.7999, 0.3087, 0.3065



57.3244, 0.2629, 0.2711



17.6601, 0.3080, 0.3027



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.



53.5719, 0.2965, 0.2496



49.3989, 0.2923, 0.2327



57.1270, 0.3260, 0.2656



17.2180, 0.3084, 0.3052



8.0837, 0.2383, 0.1086



0.8066, 0.2483, 0.1141

Inverse Universe

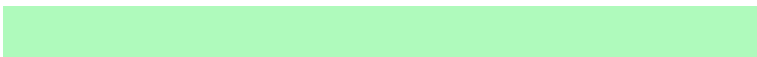
The Inverse Universe completely reimagines the original color for something new.



55.1535, 0.3578, 0.3027



51.4109, 0.3705, 0.2972



81.0871, 0.3018, 0.4020



17.3206, 0.3241, 0.3211



11.1379, 0.5645, 0.2883



1.0504, 0.5311, 0.2699

Previews

White Background



This preview shows how the Yxy color 53.5696, 0.2965, 0.2496 looks on a white background.

Color Contrast Check

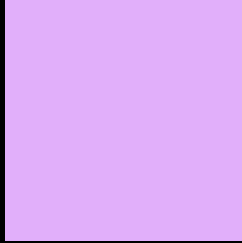
Large Text (above 18pt) WCAG AA × Fail

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 53.5696, 0.2965, 0.2496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

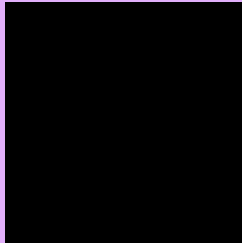
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5696, 0.2965, 0.2496

Background



This preview shows how black text looks on a background with the Yxy color 53.5696, 0.2965, 0.2496.



This preview shows how white text looks on a background with the Yxy color 53.5696, 0.2965, 0.2496.

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

53.5696, 0.2965, 0.2496

Protanopia

53.7117, 0.2594, 0.2553

Deuteranopia

53.7327, 0.2692, 0.2632



Tritanopia

53.5732, 0.3286, 0.3128

Trichromacy



Original Color

53.5696, 0.2965, 0.2496



Protanomaly

53.2591, 0.2720, 0.2527



Deuteranomaly

53.6173, 0.2787, 0.2583



Tritanomaly

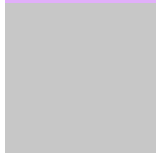
53.3253, 0.3163, 0.2874

Monochromacy



Original Color

53.5696, 0.2965, 0.2496



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.2988, 0.3063, 0.2967

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5696, 0.2965, 0.2496 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(225, 175, 250)` looks like.

```
.text, #text, p{  
    color:rgb(225, 175, 250)  
}
```

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(225, 175, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 175, 250) }
```

Border

The CSS property to change the border of an element to Yxy 53.5696, 0.2965, 0.2496 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(225, 175, 250) }
```

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

```
.border{ border-color:rgb(225, 175, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 175, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 175, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 175, 250);  
box-shadow:4px 4px 4px 4px rgb(225, 175,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5696, 0.2965, 0.2496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 175, 250) }
```

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

```
.background{ background-color: rgb(225,  
175, 250) }
```

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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