

Converting Colors

$Y_{xy}(44.7245, 0.3353, 0.2741)$

Have a look what the booklet for
Yxy(44.7245, 0.3353, 0.2741)
contains.

Yxy(44.8526, 0.3356, 0.2749)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.8526, 0.3356, 0.2749)

Conversions

Conversions Part 1

Format	Color
Hex	E39DCD
RGB	227, 157, 205
RGB Percent	89%, 62%, 80%
CMY	0.1098, 0.3843, 0.1959
CMYK	0.00, 0.31, 0.10, 0.11
HSL	319°, 56%, 75%
HSV	319°, 31%, 89%
XYZ	54.7564, 44.8526, 63.5507
YIQ	183.4020, 26.3120, 29.7680

Conversions

Conversions Part 2

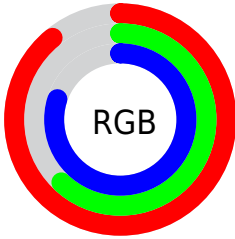
Format	Color
R _Y B	227, 157, 205
Decimal	14917069
CIE Lab	72.79, 33.30, -14.05
CIE LCh	73, 36.146, 337.131
Yxy	44.8526, 0.3356, 0.2749
Android (android.graphics.Color)	4293107149 (0xFFE39DCD)
YUV	183.4020, 10.6478, 38.2354
Hunter-Lab	66.9721, 28.7405, -9.3806

Details

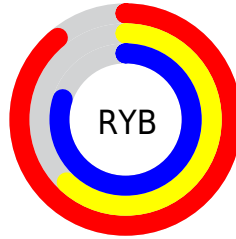
The Yxy color **44.8526, 0.3356, 0.2749** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **65.3560, 0.2956, 0.3902**, and the grayscale version is **47.5173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5670, 0.3147, 0.2871**, and **20.9954, 0.3416, 0.2614** is the 20% darker color. If you saturate the color by 10%, you get **37.5376, 0.3456, 0.2572**, and if you desaturate by 10%, it is **53.6141, 0.3269, 0.2929**.

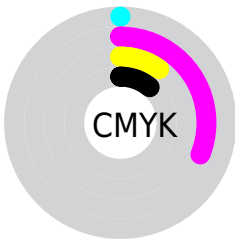
Distribution



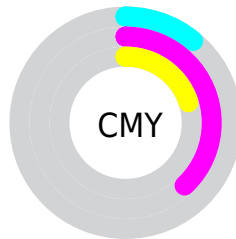
- Red (89%)
- Green (62%)
- Blue (80%)



- Red (89%)
- Yellow (62%)
- Blue (80%)



- Cyan (0%)
- Magenta (31%)
- Yellow (10%)
- Black (11%)




- Cyan (11%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8526, 0.3356, 0.2749 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 44.8526, 0.3356, 0.2749 by changing the saturation by 10% instead.

 44.8526, 0.3356,
0.2749

 44.8526, 0.3356,
0.2749


366.1763, 0.3247,
0.3009

 31.3413, 0.3382,
0.2687


 82.4992, 0.3317,
0.2841

 20.8589, 0.3414,
0.2610


 107.4033, 0.3303,
0.2876

 13.0209, 0.3456,
0.2510


136.8738, 0.3290,
0.2906

 7.4429, 0.3511,
0.2377

171.2951, 0.3279,
0.2932

 3.7406, 0.3588,
0.2189

211.0516, 0.3269,
0.2955

 1.5296, 0.3702,
0.1909

256.5277, 0.3261,

 0.3094, 0.4043,

0.2975

0.1101

308.1078, 0.3253,
0.2993

0.0000, 0.3258,
0.0000

0.0000, 0.0000,
0.0000

44.8526, 0.3356,
0.2749

44.8526, 0.3356,
0.2749

37.5376, 0.3456,
0.2572

53.6141, 0.3269,
0.2929

31.5837, 0.3568,
0.2407

63.8893, 0.3195,
0.3106

26.9058, 0.3691,
0.2265

75.7484, 0.3132,
0.3276

23.4068, 0.3823,
0.2155

89.2556, 0.3079,
0.3437

■ 20.9753, 0.3959,
0.2088

■ 94.1793, 0.3037,
0.3435

■ 19.4786, 0.4094,
0.2072

■ 94.6125, 0.2997,
0.3362

■ 18.7225, 0.4214,
0.2095

■ 95.0624, 0.2959,
0.3291

■ 95.0698, 0.2958,
0.3290

Harmonies

Analogous

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



44.8526, 0.2842, 0.2532



44.8526, 0.3356, 0.2749



44.8526, 0.3839, 0.3087

Triad

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



44.8526, 0.3356, 0.2749



44.8526, 0.3813, 0.4156



44.8526, 0.2227, 0.2963

Complementary

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



44.8526, 0.3356, 0.2749



65.3560, 0.2956, 0.3902

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.



44.8526, 0.2444, 0.3454



44.8526, 0.3356, 0.2749



44.8526, 0.3350, 0.4203

Square

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



44.8526, 0.3356, 0.2749



44.8526, 0.4104, 0.3875



44.8526, 0.2849, 0.3938



44.8526, 0.2227, 0.2621

Rectangle

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



44.8526, 0.3356, 0.2749



44.8526, 0.4057, 0.3351



44.8526, 0.2849, 0.3938



44.8526, 0.2275, 0.3115

Sweetspot

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



44.8546, 0.3356, 0.2749



85.7663, 0.3183, 0.3137



39.1261, 0.2745, 0.2426



17.8996, 0.3193, 0.3112



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.



44.8546, 0.3356, 0.2749



52.0856, 0.3418, 0.2635



43.3855, 0.3684, 0.3128



14.5342, 0.3186, 0.3130



10.9418, 0.4195, 0.2085



0.8252, 0.4016, 0.1986

Inverse Universe

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



44.8546, 0.3356, 0.2749



52.0856, 0.3418, 0.2635



66.9067, 0.2761, 0.3461



14.5342, 0.3186, 0.3130



10.9418, 0.4195, 0.2085



0.8252, 0.4016, 0.1986

Previews

White Background



This preview shows how the Yxy color 44.8526, 0.3356, 0.2749 looks on a white background.

Color Contrast Check

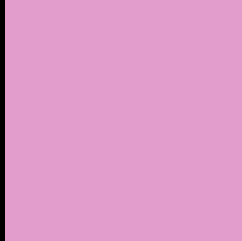
Large Text (above 18pt) WCAG AA × Fail

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 44.8526, 0.3356, 0.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

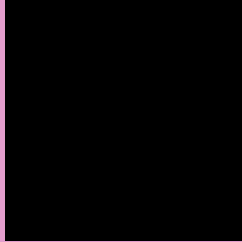
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8526, 0.3356, 0.2749

Background



This preview shows how black text looks on a background with the Yxy color 44.8526, 0.3356, 0.2749.



This preview shows how white text looks on a background with the Yxy color 44.8526, 0.3356, 0.2749.

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

44.8526, 0.3356, 0.2749

Protanopia

45.1048, 0.2757, 0.2758

Deuteranopia

44.9755, 0.3007, 0.2937



Tritanopia

44.9775, 0.3591, 0.3150

Trichromacy



Original Color

44.8526, 0.3356, 0.2749

Protanomaly

44.6809, 0.2956, 0.2751

Deuteranomaly

44.7346, 0.3129, 0.2865

Tritanomaly

44.8822, 0.3499, 0.3000

Monochromacy



Original Color

44.8526, 0.3356, 0.2749

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.1758, 0.3208, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8526, 0.3356, 0.2749 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(227, 157, 205)` looks like.

```
.text, #text, p{  
    color:rgb(227, 157, 205)  
}
```

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(227, 157, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 157, 205) }
```

Border

The CSS property to change the border of an element to Yxy 44.8526, 0.3356, 0.2749 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(227, 157, 205) }
```

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

```
.border{ border-color:rgb(227, 157, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 157, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 157, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 157, 205);  
box-shadow:4px 4px 4px 4px rgb(227, 157,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8526, 0.3356, 0.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 157, 205) }
```

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

```
.background{ background-color: rgb(227,  
157, 205) }
```

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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