

Converting Colors

$Yxy(34.0524, 0.3373, 0.2483)$

Have a look what the booklet for
Yxy(34.0524, 0.3373, 0.2483)
contains.

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Color

Yxy(34.2213, 0.3373, 0.2487)

Conversions

Conversions Part 1

Format	Color
Hex	D980C5
RGB	217, 128, 197
RGB Percent	85%, 50%, 77%
CMY	0.1490, 0.4980, 0.2276
CMYK	0.00, 0.41, 0.09, 0.15
HSL	314°, 54%, 68%
HSV	314°, 41%, 85%
XYZ	46.4127, 34.2213, 56.9667
YIQ	162.4770, 30.8950, 40.3270

Conversions

Conversions Part 2

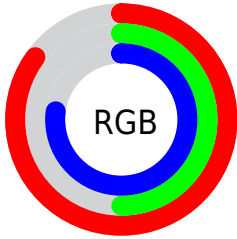
Format	Color
R _{YB}	217, 128, 197
Decimal	14254277
CIE Lab	65.14, 44.00, -21.26
CIE LCh	65, 48.871, 334.207
Yxy	34.2213, 0.3373, 0.2487
Android (android.graphics.Color)	4292444357 (0xFFD980C5)
YUV	162.4770, 17.0198, 47.8167
Hunter-Lab	58.4990, 39.2476, -16.7877

Details

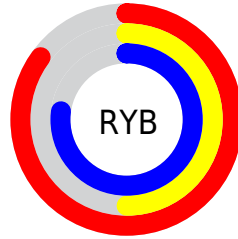
The Yxy color **34.2213, 0.3373, 0.2487** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **56.3612, 0.2953, 0.4261**, and the grayscale version is **36.2751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2827, 0.3168, 0.2594**, and **14.6256, 0.3427, 0.2274** is the 20% darker color. If you saturate the color by 10%, you get **28.9338, 0.3453, 0.2306**, and if you desaturate by 10%, it is **40.7298, 0.3301, 0.2682**.

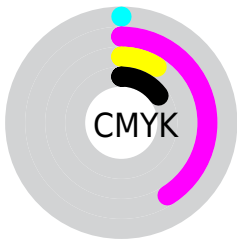
Distribution



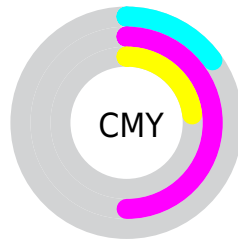
- Red (85%)
- Green (50%)
- Blue (77%)



- Red (85%)
- Yellow (50%)
- Blue (77%)



- Cyan (0%)
- Magenta (41%)
- Yellow (9%)
- Black (15%)





- Cyan (15%)
- Magenta (50%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2213, 0.3373, 0.2487 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 34.2213, 0.3373, 0.2487 by changing the saturation by 10% instead.


 34.2213, 0.3373,
0.2487


 34.2213, 0.3373,
0.2487


321.1177, 0.3257,
0.2880


 23.0637, 0.3400,
0.2392


 66.2777, 0.3332,
0.2627

 14.6405, 0.3433,
0.2273


 87.9452, 0.3317,
0.2681

 8.5675, 0.3474,
0.2117


 113.8848, 0.3303,
0.2726

 4.4602, 0.3528,
0.1909

144.4808, 0.3291,
0.2765

 1.9342, 0.3596,
0.1616

180.1178, 0.3281,
0.2800

 0.5688, 0.3706,
0.1124

221.1799, 0.3272,

 0.0000, 0.3845,

0.2830

0.0000

268.0518, 0.3264,
0.2856

0.0000, 0.0000,
0.0000

34.2213, 0.3373,
0.2487

34.2213, 0.3373,
0.2487

28.9338, 0.3453,
0.2306

40.7298, 0.3301,
0.2682

24.7845, 0.3539,
0.2148

48.5255, 0.3236,
0.2882

21.6881, 0.3628,
0.2025

57.6758, 0.3180,
0.3080

19.5449, 0.3719,
0.1943

68.2416, 0.3132,
0.3271

18.2360, 0.3807,
0.1909

80.2803, 0.3090,
0.3452

■ 17.5867, 0.3884,
0.1913

■ 91.7805, 0.3056,
0.3590

■ 92.0530, 0.3029,
0.3537

■ 92.3332, 0.3002,
0.3486

■ 92.6212, 0.2976,
0.3434

Harmonies

Analogous

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



34.2213, 0.2636, 0.2210



34.2213, 0.3373, 0.2487



34.2213, 0.4119, 0.2930

Triad

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



34.2213, 0.3373, 0.2487



34.2213, 0.4146, 0.4499



34.2213, 0.1867, 0.2839

Complementary

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



34.2213, 0.3373, 0.2487



56.3612, 0.2953, 0.4261

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.



34.2213, 0.2179, 0.3596



34.2213, 0.3373, 0.2487



34.2213, 0.3483, 0.4684

Square

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



34.2213, 0.3373, 0.2487



34.2213, 0.4565, 0.4024



34.2213, 0.2762, 0.4350



34.2213, 0.1848, 0.2347

Rectangle

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



34.2213, 0.3373, 0.2487



34.2213, 0.4471, 0.3282



34.2213, 0.2762, 0.4350



34.2213, 0.1938, 0.3069

Sweetspot

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



34.2229, 0.3373, 0.2487



81.5708, 0.3186, 0.3059



26.6793, 0.2524, 0.2083



17.0691, 0.3193, 0.3033



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.



34.2229, 0.3373, 0.2487



42.7775, 0.3440, 0.2333



32.5001, 0.3867, 0.2985



13.2221, 0.3172, 0.3111



10.6613, 0.3872, 0.1907



0.7033, 0.3742, 0.1835

Inverse Universe

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



34.2229, 0.3373, 0.2487



42.7775, 0.3440, 0.2333



58.0184, 0.2702, 0.3628



13.2221, 0.3172, 0.3111



10.6613, 0.3872, 0.1907



0.7033, 0.3742, 0.1835

Previews

White Background



This preview shows how the Yxy color 34.2213, 0.3373, 0.2487 looks on a white background.

Color Contrast Check

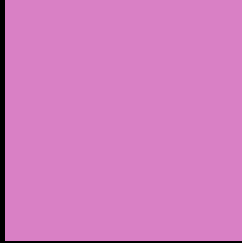
Large Text (above 18pt) WCAG AA × Fail

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 34.2213, 0.3373, 0.2487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

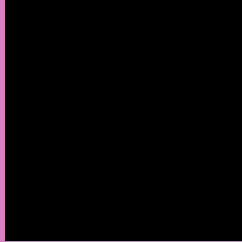
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2213, 0.3373, 0.2487

Background



This preview shows how black text looks on a background with the Yxy color 34.2213, 0.3373, 0.2487.



This preview shows how white text looks on a background with the Yxy color 34.2213, 0.3373, 0.2487.

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

34.2213, 0.3373, 0.2487

Protanopia

34.4143, 0.2510, 0.2443

Deuteranopia

34.4166, 0.2829, 0.2771



Tritanopia

34.1640, 0.3828, 0.3166

Trichromacy



Original Color

34.2213, 0.3373, 0.2487



Protanomaly

33.5357, 0.2777, 0.2447



Deuteranomaly

33.7295, 0.3011, 0.2641



Tritanomaly

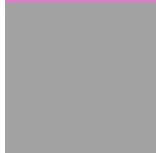
33.9495, 0.3657, 0.2897

Monochromacy



Original Color

34.2213, 0.3373, 0.2487



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

34.8529, 0.3213, 0.2952

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2213, 0.3373, 0.2487 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(217, 128, 197)` looks like.

```
.text, #text, p{  
    color:rgb(217, 128, 197)  
}
```

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(217, 128, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 128, 197) }
```

Border

The CSS property to change the border of an element to Yxy 34.2213, 0.3373, 0.2487 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(217, 128, 197) }
```

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

```
.border{ border-color:rgb(217, 128, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 128, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 128, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 128, 197);  
box-shadow:4px 4px 4px 4px rgb(217, 128,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2213, 0.3373, 0.2487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 128, 197) }
```

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

```
.background{ background-color: rgb(217,  
128, 197) }
```

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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