

Converting Colors

$Yxy(33.5943, 0.3423, 0.2566)$

Have a look what the booklet for
Yxy(33.5943, 0.3423, 0.2566)
contains.

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Color

Yxy(33.6708, 0.3425, 0.2576)

Conversions

Conversions Part 1

Format	Color
Hex	D681BD
RGB	214, 129, 189
RGB Percent	84%, 51%, 74%
CMY	0.1607, 0.4941, 0.2589
CMYK	0.00, 0.40, 0.12, 0.16
HSL	318°, 51%, 67%
HSV	318°, 40%, 84%
XYZ	44.7680, 33.6708, 52.2708
YIQ	161.2550, 31.4000, 36.6800

Conversions

Conversions Part 2

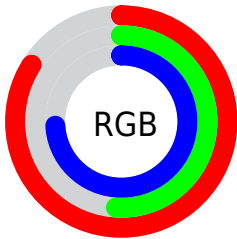
Format	Color
R_{YB}	214, 129, 189
Decimal	14057917
CIE _{Lab}	64.70, 41.18, -17.46
CIE _{LCh}	65, 44.730, 337.020
Yxy	33.6708, 0.3425, 0.2576
Android (android.graphics.Color)	4292247997 (0xFFD681BD)
YUV	161.2550, 13.6783, 46.2574
Hunter-Lab	58.0265, 36.1680, -12.7903

Details

The Yxy color **33.6708, 0.3425, 0.2576** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **55.1019, 0.2923, 0.4136**, and the grayscale version is **35.6902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7195, 0.3235, 0.2675**, and **14.3544, 0.3504, 0.2373** is the 20% darker color. If you saturate the color by 10%, you get **28.3446, 0.3528, 0.2406**, and if you desaturate by 10%, it is **40.1926, 0.3333, 0.2757**.

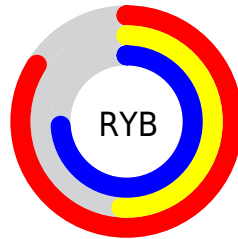
Distribution



Red (84%)

Green (51%)

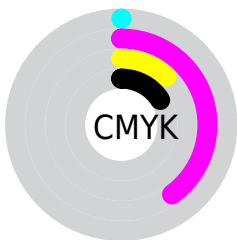
Blue (74%)



Red (84%)

Yellow (51%)

Blue (74%)

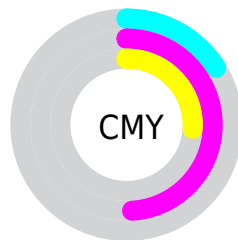


Cyan (0%)

Magenta (40%)

Yellow (12%)

Black (16%)



Cyan (16%)


Magenta (49%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.6708, 0.3425, 0.2576 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 33.6708, 0.3425, 0.2576 by changing the saturation by 10% instead.


 33.6708, 0.3425,
0.2576


 33.6708, 0.3425,
0.2576


318.6617, 0.3279,
0.2930


 22.6408, 0.3461,
0.2489


 65.4214, 0.3372,
0.2703

 14.3285, 0.3506,
0.2379


 86.9108, 0.3353,
0.2752

 8.3495, 0.3564,
0.2234


 112.6555, 0.3336,
0.2792

 4.3194, 0.3644,
0.2037

143.0398, 0.3321,
0.2828

 1.8538, 0.3756,
0.1753

178.4482, 0.3308,
0.2858

 0.5204, 0.3967,
0.1224

219.2651, 0.3297,


 0.0000, 0.4347,


0.2885


0.0000


265.8747, 0.3287,
0.2908


 0.0000, 0.0000,
0.0000


 33.6708, 0.3425,
0.2576


 33.6708, 0.3425,
0.2576

 28.3446, 0.3528,
0.2406


 40.1926, 0.3333,
0.2757

 24.1350, 0.3642,
0.2256


 47.9735, 0.3253,
0.2941


 20.9606, 0.3763,
0.2139


 57.0777, 0.3184,
0.3122


 18.7269, 0.3888,
0.2063


 67.5640, 0.3126,
0.3295


 17.3221, 0.4012,
0.2035

 79.4875, 0.3076,
0.3458


 16.5508, 0.4133,
0.2051

 91.3530, 0.3035,
0.3586

 16.5322, 0.4136,
0.2052

 91.7070, 0.3001,
0.3518

 92.0739, 0.2966,
0.3451

 92.4538, 0.2932,
0.3385

Harmonies

Analogous

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



33.6708, 0.2733, 0.2299



33.6708, 0.3425, 0.2576



33.6708, 0.4095, 0.3005

Triad

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



33.6708, 0.3425, 0.2576



33.6708, 0.4028, 0.4444



33.6708, 0.1941, 0.2826

Complementary

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



33.6708, 0.3425, 0.2576



55.1019, 0.2923, 0.4136

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.



33.6708, 0.2212, 0.3505



33.6708, 0.3425, 0.2576



33.6708, 0.3402, 0.4559

Square

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



33.6708, 0.3425, 0.2576



33.6708, 0.4438, 0.4031



33.6708, 0.2737, 0.4203



33.6708, 0.1946, 0.2390

Rectangle

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



33.6708, 0.3425, 0.2576



33.6708, 0.4395, 0.3340



33.6708, 0.2737, 0.4203



33.6708, 0.2000, 0.3031

Sweetspot

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



33.6724, 0.3425, 0.2576



81.4397, 0.3200, 0.3079



27.3376, 0.2597, 0.2142



17.0382, 0.3208, 0.3055



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.



33.6724, 0.3425, 0.2576



43.0378, 0.3515, 0.2426



32.1190, 0.3900, 0.3064



12.5675, 0.3182, 0.3127



10.0102, 0.4119, 0.2043



0.6179, 0.3925, 0.1936

Inverse Universe

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



33.6724, 0.3425, 0.2576



43.0378, 0.3515, 0.2426



56.7347, 0.2682, 0.3537



12.5675, 0.3182, 0.3127



10.0102, 0.4119, 0.2043



0.6179, 0.3925, 0.1936

Previews

White Background



This preview shows how the Yxy color 33.6708, 0.3425, 0.2576 looks on a white background.

Color Contrast Check

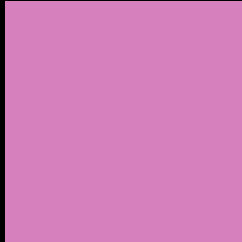
Large Text (above 18pt) WCAG AA × Fail

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 33.6708, 0.3425, 0.2576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

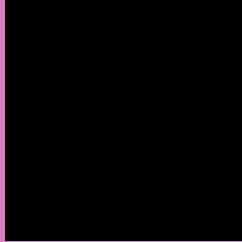
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6708, 0.3425, 0.2576

Background



This preview shows how black text looks on a background with the Yxy color 33.6708, 0.3425, 0.2576.



This preview shows how white text looks on a background with the Yxy color 33.6708, 0.3425, 0.2576.

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

33.6708, 0.3425, 0.2576

Protanopia

33.8364, 0.2596, 0.2551

Deuteranopia

33.9849, 0.2903, 0.2850



Tritanopia

33.5847, 0.3810, 0.3153

Trichromacy



Original Color

33.6708, 0.3425, 0.2576



Protanomaly

33.2098, 0.2858, 0.2553



Deuteranomaly

33.3797, 0.3083, 0.2739



Tritanomaly

33.5434, 0.3670, 0.2931

Monochromacy



Original Color

33.6708, 0.3425, 0.2576



Achromatopsia

35.6400, 0.3127, 0.3290



Achromatomaly

34.1385, 0.3232, 0.2989

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6708, 0.3425, 0.2576 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(214, 129, 189)` looks like.

```
.text, #text, p{  
    color:rgb(214, 129, 189)  
}
```

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(214, 129, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 129, 189) }
```

Border

The CSS property to change the border of an element to Yxy 33.6708, 0.3425, 0.2576 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(214, 129, 189) }
```

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

```
.border{ border-color:rgb(214, 129, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 129, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 129, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 129, 189);  
box-shadow:4px 4px 4px 4px rgb(214, 129,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6708, 0.3425, 0.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 129, 189) }
```

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

```
.background{ background-color: rgb(214,  
129, 189) }
```

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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