

Converting Colors

$Y_{xy}(32.3450, 0.3667, 0.2920)$

Have a look what the booklet for
Yxy(32.3450, 0.3667, 0.2920)
contains.

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Color

Yxy(32.4856, 0.3666, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	D084A1
RGB	208, 132, 161
RGB Percent	82%, 52%, 63%
CMY	0.1842, 0.4824, 0.3687
CMYK	0.00, 0.37, 0.23, 0.18
HSL	337°, 45%, 67%
HSV	337°, 37%, 82%
XYZ	40.7014, 32.4856, 37.8370
YIQ	158.0300, 35.9870, 25.1310

Conversions

Conversions Part 2

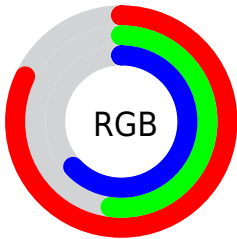
Format	Color
R_{YB}	208, 132, 161
Decimal	13665441
CIE _{Lab}	63.74, 33.16, -3.12
CIE _{LCh}	64, 33.302, 354.619
Yxy	32.4856, 0.3666, 0.2926
Android (android.graphics.Color)	4291855521 (0xFFD084A1)
YUV	158.0300, 1.4642, 43.8237
Hunter-Lab	56.9961, 27.7249, 0.5376

Details

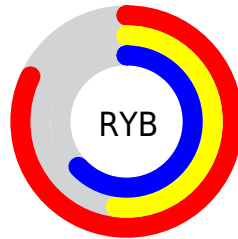
The Yxy color **32.4856, 0.3666, 0.2926** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **53.2861, 0.2786, 0.3692**, and the grayscale version is **34.1878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3357, 0.3463, 0.2984**, and **13.6860, 0.3833, 0.2805** is the 20% darker color. If you saturate the color by 10%, you get **26.9660, 0.3888, 0.2828**, and if you desaturate by 10%, it is **39.1798, 0.3479, 0.3029**.

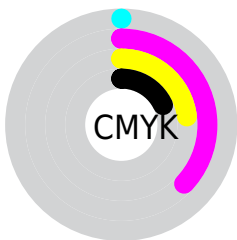
Distribution



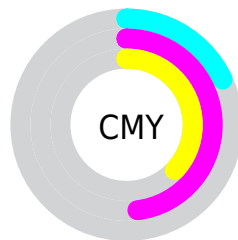
- Red (82%)
- Green (52%)
- Blue (63%)



- Red (82%)
- Yellow (52%)
- Blue (63%)



- Cyan (0%)
- Magenta (37%)
- Yellow (23%)
- Black (18%)




- Cyan (18%)
- Magenta (48%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.4856, 0.3666, 0.2926 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 32.4856, 0.3666, 0.2926 by changing the saturation by 10% instead.


 32.4856, 0.3666,
0.2926


 32.4856, 0.3666,
0.2926


313.3254, 0.3382,
0.3116

 21.7327, 0.3742,
0.2876


 63.5716, 0.3559,
0.2997

 13.6606, 0.3842,
0.2811


 84.6734, 0.3520,
0.3023

 7.8850, 0.3981,
0.2721


 109.9937, 0.3488,
0.3044

 4.0214, 0.4186,
0.2590

139.9168, 0.3460,
0.3063

 1.6856, 0.4517,
0.2384

174.8272, 0.3437,
0.3079

 0.4143, 0.5371,
0.1770

215.1091, 0.3416,

 0.0000, 1.0000,

0.3093

0.0000

261.1471, 0.3398,
0.3105

0.0000, 0.0000,
0.0000

32.4856, 0.3666,
0.2926

32.4856, 0.3666,
0.2926

26.9660, 0.3888,
0.2828

39.1798, 0.3479,
0.3029

22.5479, 0.4148,
0.2743

47.1071, 0.3325,
0.3131

19.1569, 0.4440,
0.2682


56.3274, 0.3198,
0.3229


16.7074, 0.4756,
0.2658

66.8956, 0.3094,
0.3321

15.0997, 0.5075,
0.2682


78.8631, 0.3008,
0.3406

 14.2061, 0.5375,
0.2758

 91.1191, 0.2938,
0.3466

 13.9832, 0.5473,
0.2789

 91.9038, 0.2870,
0.3330

 92.1539, 0.2849,
0.3289

Harmonies

Analogous

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



32.4856, 0.3135, 0.2626



32.4856, 0.3666, 0.2926



32.4856, 0.4060, 0.3316

Triad

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



32.4856, 0.3666, 0.2926



32.4856, 0.3565, 0.4244



32.4856, 0.2179, 0.2726

Complementary

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



32.4856, 0.3666, 0.2926



53.2861, 0.2786, 0.3692

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.



32.4856, 0.2271, 0.3151



32.4856, 0.3666, 0.2926



32.4856, 0.3050, 0.4108

Square

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



32.4856, 0.3666, 0.2926



32.4856, 0.3982, 0.4078



32.4856, 0.2580, 0.3680



32.4856, 0.2308, 0.2496

Rectangle

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



32.4856, 0.3666, 0.2926



32.4856, 0.4171, 0.3593



32.4856, 0.2580, 0.3680



32.4856, 0.2184, 0.2848

Sweetspot

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



32.4871, 0.3666, 0.2926



82.3231, 0.3253, 0.3185



30.6254, 0.2885, 0.2313



17.1932, 0.3270, 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.



32.4871, 0.3666, 0.2926



44.3725, 0.3840, 0.2847



34.0891, 0.3965, 0.3406



11.8818, 0.3232, 0.3202



8.7300, 0.5437, 0.2769



0.5034, 0.4940, 0.2495

Inverse Universe

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



32.4871, 0.3666, 0.2926



44.3725, 0.3840, 0.2847



50.3794, 0.2602, 0.3169



11.8818, 0.3232, 0.3202



8.7300, 0.5437, 0.2769



0.5034, 0.4940, 0.2495

Previews

White Background



This preview shows how the Yxy color 32.4856, 0.3666, 0.2926 looks on a white background.

Color Contrast Check

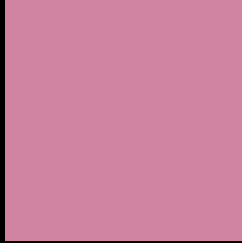
Large Text (above 18pt) WCAG AA × Fail

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 32.4856, 0.3666, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

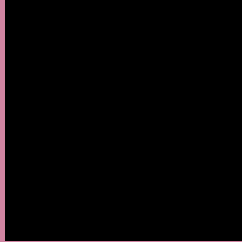
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4856, 0.3666, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 32.4856, 0.3666, 0.2926.



This preview shows how white text looks on a background with the Yxy color 32.4856, 0.3666, 0.2926.

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

32.4856, 0.3666, 0.2926

Protanopia

32.8426, 0.2931, 0.2994

Deuteranopia

32.6061, 0.3235, 0.3174



Tritanopia

32.4941, 0.3819, 0.3164

Trichromacy



Original Color

32.4856, 0.3666, 0.2926

Protanomaly

32.1930, 0.3173, 0.2965

Deuteranomaly

32.2154, 0.3392, 0.3069

Tritanomaly

32.5500, 0.3764, 0.3075

Monochromacy



Original Color

32.4856, 0.3666, 0.2926

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.2282, 0.3309, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4856, 0.3666, 0.2926 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(208, 132, 161)` looks like.

```
.text, #text, p{  
    color:rgb(208, 132, 161)  
}
```

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(208, 132, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 132, 161) }
```

Border

The CSS property to change the border of an element to Yxy 32.4856, 0.3666, 0.2926 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(208, 132, 161) }
```

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

```
.border{ border-color:rgb(208, 132, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 132, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 132, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 132, 161);  
box-shadow:4px 4px 4px 4px rgb(208, 132,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4856, 0.3666, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 132, 161) }
```

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

```
.background{ background-color: rgb(208,  
132, 161) }
```

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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