

Converting Colors

$Yxy(33.6031, 0.2941, 0.2538)$

Have a look what the booklet for
Yxy(33.6031, 0.2941, 0.2538)
contains.

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Color

Yxy(33.6285, 0.2941, 0.2544)

Conversions

Conversions Part 1

Format	Color
Hex	B290C9
RGB	178, 144, 201
RGB Percent	70%, 56%, 79%
CMY	0.3019, 0.4353, 0.2119
CMYK	0.11, 0.28, 0.00, 0.21
HSL	276°, 35%, 68%
HSV	276°, 28%, 79%
XYZ	38.8763, 33.6285, 59.6827
YIQ	160.6640, 1.9670, 24.9350

Conversions

Conversions Part 2

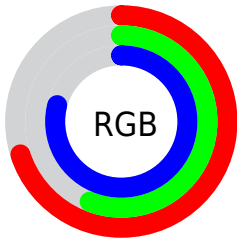
Format	Color
R_{YB}	178, 144, 201
Decimal	11702473
CIE _{Lab}	64.67, 23.45, -24.60
CIE _{LCh}	65, 33.986, 313.633
Yxy	33.6285, 0.2941, 0.2544
Android (android.graphics.Color)	4289892553 (0xFFB290C9)
YUV	160.6640, 19.8856, 15.2037
Hunter-Lab	57.9901, 18.1831, -20.4275

Details

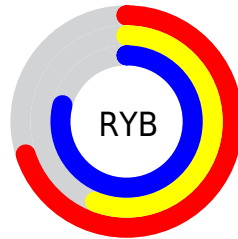
The Yxy color **33.6285, 0.2941, 0.2544** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.9844, 0.3268, 0.4060**, and the grayscale version is **35.3833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1006, 0.2999, 0.2705**, and **14.2953, 0.2874, 0.2329** is the 20% darker color. If you saturate the color by 10%, you get **27.1444, 0.2855, 0.2260**, and if you desaturate by 10%, it is **41.2556, 0.3016, 0.2821**.

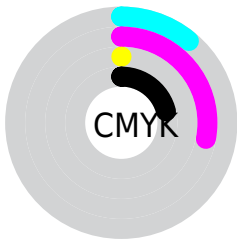
Distribution



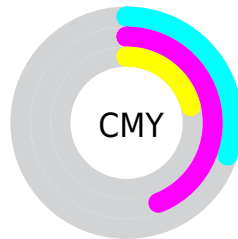
- Red (70%)
- Green (56%)
- Blue (79%)



- Red (70%)
- Yellow (56%)
- Blue (79%)



- Cyan (11%)
- Magenta (28%)
- Yellow (0%)
- Black (21%)




- Cyan (30%)
- Magenta (44%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.6285, 0.2941, 0.2544 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 33.6285, 0.2941, 0.2544 by changing the saturation by 10% instead.


 33.6285, 0.2941,
0.2544


 33.6285, 0.2941,
0.2544


318.4724, 0.3045,
0.2916

 22.6083, 0.2912,
0.2452


 65.3555, 0.2981,
0.2678

 14.3046, 0.2872,
0.2336


 86.8312, 0.2996,
0.2729

 8.3328, 0.2817,
0.2182


112.5609, 0.3007,
0.2772

 4.3086, 0.2733,
0.1973

142.9289, 0.3017,
0.2809

 1.8477, 0.2596,
0.1673

178.3196, 0.3026,
0.2841

 0.5166, 0.2369,
0.1129

219.1175, 0.3033,

 0.0000, 0.0103,

0.2869

0.0000

265.7070, 0.3039,
0.2894

■ 0.0000, 0.0000,
0.0000

■ 33.6285, 0.2941,
0.2544

■ 33.6285, 0.2941,
0.2544

■ 27.1444, 0.2855,
0.2260

■ 41.2556, 0.3016,
0.2821

■ 21.7407, 0.2760,
0.1978

■ 50.0756, 0.3081,
0.3084

■ 17.3549, 0.2657,
0.1710

■ 60.1406, 0.3136,
0.3329

■ 13.9164, 0.2549,
0.1469

■ 71.4983, 0.3181,
0.3554

■ 11.3450, 0.2440,
0.1268

■ 84.1939, 0.3219,
0.3759

9.5469, 0.2335,
0.1116

92.0017, 0.3261,
0.3853

8.3776, 0.2236,
0.1012

93.3464, 0.3314,
0.3844

8.2092, 0.2220,
0.0997

94.7537, 0.3367,
0.3835

96.2246, 0.3421,
0.3825

Harmonies

Analogous

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



33.6285, 0.2494, 0.2450



33.6285, 0.2941, 0.2544



33.6285, 0.3481, 0.2798

Triad

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



33.6285, 0.2941, 0.2544



33.6285, 0.4093, 0.3969



33.6285, 0.2354, 0.3342

Complementary

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



33.6285, 0.2941, 0.2544



51.9844, 0.3268, 0.4060

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.



33.6285, 0.2735, 0.3866



33.6285, 0.2941, 0.2544



33.6285, 0.3741, 0.4221

Square

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



33.6285, 0.2941, 0.2544



33.6285, 0.4178, 0.3581



33.6285, 0.3241, 0.4205



33.6285, 0.2179, 0.2857

Rectangle

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



33.6285, 0.2941, 0.2544



33.6285, 0.3813, 0.3034



33.6285, 0.3241, 0.4205



33.6285, 0.2461, 0.3523

Sweetspot

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



33.6299, 0.2941, 0.2544



84.5097, 0.3076, 0.3064



38.0541, 0.2672, 0.2824



17.5885, 0.3067, 0.3026



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.



33.6299, 0.2941, 0.2544



50.5628, 0.2890, 0.2370



36.3563, 0.3204, 0.2645



10.5953, 0.3075, 0.3058



5.2177, 0.2234, 0.1004



0.2885, 0.2436, 0.1115

Inverse Universe

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



35.1488, 0.3496, 0.2996



53.6989, 0.3606, 0.2929



49.8517, 0.3057, 0.4033



10.7066, 0.3228, 0.3197



8.1981, 0.5344, 0.2718



0.4024, 0.4795, 0.2415

Previews

White Background



This preview shows how the Yxy color 33.6285, 0.2941, 0.2544 looks on a white background.

Color Contrast Check

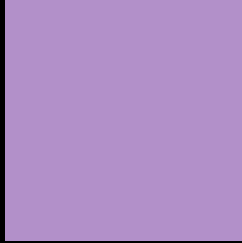
Large Text (above 18pt) WCAG AA × Fail

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 33.6285, 0.2941, 0.2544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

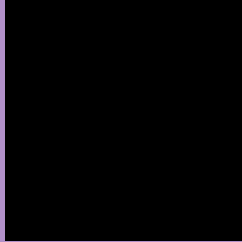
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6285, 0.2941, 0.2544

Background



This preview shows how black text looks on a background with the Yxy color 33.6285, 0.2941, 0.2544.



This preview shows how white text looks on a background with the Yxy color 33.6285, 0.2941, 0.2544.

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

33.6285, 0.2941, 0.2544

Protanopia

33.7969, 0.2581, 0.2537

Deuteranopia

33.7188, 0.2714, 0.2657



Tritanopia

33.5482, 0.3226, 0.3120

Trichromacy



Original Color

33.6285, 0.2941, 0.2544

Protanomaly

33.5580, 0.2701, 0.2537

Deuteranomaly

33.4564, 0.2788, 0.2604

Tritanomaly

33.3528, 0.3116, 0.2888

Monochromacy



Original Color

33.6285, 0.2941, 0.2544

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.7928, 0.3054, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6285, 0.2941, 0.2544 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(178, 144, 201)` looks like.

```
.text, #text, p{  
    color:rgb(178, 144, 201)  
}
```

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(178, 144, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 144, 201) }
```

Border

The CSS property to change the border of an element to Yxy 33.6285, 0.2941, 0.2544 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(178, 144, 201) }
```

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

```
.border{ border-color:rgb(178, 144, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 144, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 144, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 144, 201);  
box-shadow:4px 4px 4px 4px rgb(178, 144,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6285, 0.2941, 0.2544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 144, 201) }
```

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

```
.background{ background-color: rgb(178,  
144, 201) }
```

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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