

Converting Colors

$Yxy(37.2204, 0.3357, 0.2752)$

Have a look what the booklet for
Yxy(37.2204, 0.3357, 0.2752)
contains.

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Color

Yxy(37.1327, 0.3363, 0.2754)

Conversions

Conversions Part 1

Format	Color
Hex	D190BC
RGB	209, 144, 188
RGB Percent	82%, 56%, 74%
CMY	0.1804, 0.4353, 0.2627
CMYK	0.00, 0.31, 0.10, 0.18
HSL	319°, 41%, 69%
HSV	319°, 31%, 82%
XYZ	45.3440, 37.1327, 52.3552
YIQ	168.4510, 24.6160, 27.4640

Conversions

Conversions Part 2

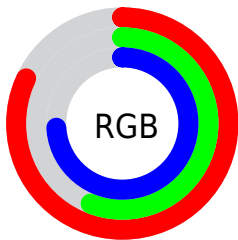
Format	Color
R_{YB}	209, 144, 188
Decimal	13734076
CIE _{Lab}	67.38, 31.31, -12.93
CIE _{LCh}	67, 33.873, 337.554
Yxy	37.1327, 0.3363, 0.2754
Android (android.graphics.Color)	4291924156 (0xFFD190BC)
YUV	168.4510, 9.6377, 35.5615
Hunter-Lab	60.9366, 26.1858, -8.2849

Details

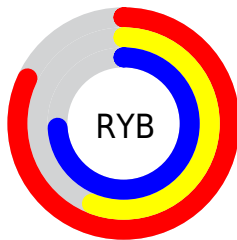
The Yxy color $37.1327, 0.3363, 0.2754$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $54.2456, 0.2951, 0.3896$, and the grayscale version is $39.3347, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.6385, 0.3231, 0.2844$, and $16.4480, 0.3430, 0.2610$ is the 20% darker color. If you saturate the color by 10%, you get $31.0939, 0.3465, 0.2580$, and if you desaturate by 10%, it is $44.3604, 0.3274, 0.2931$.

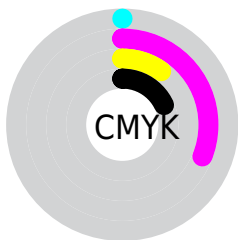
Distribution



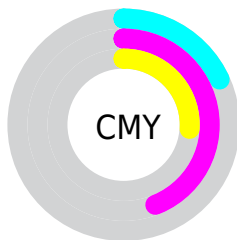
- Red (82%)
- Green (56%)
- Blue (74%)



- Red (82%)
- Yellow (56%)
- Blue (74%)



- Cyan (0%)
- Magenta (31%)
- Yellow (10%)
- Black (18%)





- Cyan (18%)
- Magenta (44%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1327, 0.3363, 0.2754 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 37.1327, 0.3363, 0.2754 by changing the saturation by 10% instead.


 37.1327, 0.3363,
0.2754


 37.1327, 0.3363,
0.2754


333.8847, 0.3246,
0.3020

 25.3103, 0.3392,
0.2688


 70.7768, 0.3321,
0.2850

 16.3084, 0.3428,
0.2605


 93.3673, 0.3305,
0.2886

 9.7426, 0.3476,
0.2494


120.3159, 0.3292,
0.2917

 5.2286, 0.3542,
0.2342

152.0070, 0.3280,
0.2943

 2.3820, 0.3638,
0.2120

188.8251, 0.3270,
0.2966

 0.8166, 0.3790,
0.1767

231.1544, 0.3261,

 0.0000, 0.4536,

0.2986

0.0000

279.3795, 0.3253,
0.3004

0.0000, 0.0000,
0.0000

37.1327, 0.3363,
0.2754

37.1327, 0.3363,
0.2754

31.0939, 0.3465,
0.2580

44.3604, 0.3274,
0.2931

26.1739, 0.3580,
0.2418

52.8319, 0.3198,
0.3105

22.3033, 0.3707,
0.2278


62.6048, 0.3134,
0.3272


19.4026, 0.3843,
0.2170

73.7315, 0.3079,
0.3430

17.3807, 0.3983,
0.2105


86.2616, 0.3034,
0.3577


 16.1295, 0.4123,
0.2089

 90.7045, 0.2996,
0.3570

 15.4922, 0.4244,
0.2112

 91.0880, 0.2959,
0.3497

 91.4863, 0.2923,
0.3425

 91.8996, 0.2887,
0.3354

Harmonies

Analogous

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



37.1327, 0.2850, 0.2536



37.1327, 0.3363, 0.2754



37.1327, 0.3843, 0.3093

Triad

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



37.1327, 0.3363, 0.2754



37.1327, 0.3806, 0.4157



37.1327, 0.2227, 0.2957

Complementary

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



37.1327, 0.3363, 0.2754



54.2456, 0.2951, 0.3896

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.



37.1327, 0.2441, 0.3447



37.1327, 0.3363, 0.2754



37.1327, 0.3342, 0.4199

Square

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



37.1327, 0.3363, 0.2754



37.1327, 0.4099, 0.3879



37.1327, 0.2843, 0.3931



37.1327, 0.2230, 0.2619

Rectangle

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



37.1327, 0.3363, 0.2754



37.1327, 0.4059, 0.3356



37.1327, 0.2843, 0.3931



37.1327, 0.2274, 0.3109

Sweetspot

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



37.1344, 0.3363, 0.2754



85.7530, 0.3184, 0.3139



32.5071, 0.2753, 0.2425



17.8963, 0.3194, 0.3114



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.



37.1344, 0.3363, 0.2754



52.0377, 0.3426, 0.2643



35.9011, 0.3698, 0.3141



11.9414, 0.3186, 0.3134



9.5712, 0.4225, 0.2101



0.5493, 0.3994, 0.1974

Inverse Universe

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



37.1344, 0.3363, 0.2754



52.0377, 0.3426, 0.2643



55.5639, 0.2754, 0.3447



11.9414, 0.3186, 0.3134



9.5712, 0.4225, 0.2101



0.5493, 0.3994, 0.1974

Previews

White Background



This preview shows how the Yxy color 37.1327, 0.3363, 0.2754 looks on a white background.

Color Contrast Check

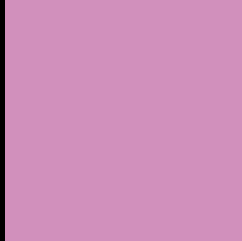
Large Text (above 18pt) WCAG AA × Fail

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 37.1327, 0.3363, 0.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

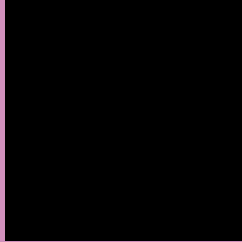
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1327, 0.3363, 0.2754

Background



This preview shows how black text looks on a background with the Yxy color 37.1327, 0.3363, 0.2754.



This preview shows how white text looks on a background with the Yxy color 37.1327, 0.3363, 0.2754.

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

37.1327, 0.3363, 0.2754

Protanopia

37.4794, 0.2759, 0.2769

Deuteranopia

37.3023, 0.3013, 0.2948



Tritanopia

37.1548, 0.3609, 0.3152

Trichromacy



Original Color

37.1327, 0.3363, 0.2754

Protanomaly

36.8764, 0.2957, 0.2759

Deuteranomaly

36.9707, 0.3137, 0.2869

Tritanomaly

37.0351, 0.3520, 0.3003

Monochromacy



Original Color

37.1327, 0.3363, 0.2754

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.9587, 0.3214, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1327, 0.3363, 0.2754 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(209, 144, 188)` looks like.

```
.text, #text, p{  
    color:rgb(209, 144, 188)  
}
```

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(209, 144, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 144, 188) }
```

Border

The CSS property to change the border of an element to Yxy 37.1327, 0.3363, 0.2754 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(209, 144, 188) }
```

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

```
.border{ border-color:rgb(209, 144, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 144, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 144, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 144, 188);  
box-shadow:4px 4px 4px 4px rgb(209, 144,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1327, 0.3363, 0.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 144, 188) }
```

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

```
.background{ background-color: rgb(209,  
144, 188) }
```

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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