

Converting Colors

$Y_{xy}(37.9058, 0.3528, 0.2673)$

Have a look what the booklet for
Yxy(37.9058, 0.3528, 0.2673)
contains.

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Color

Yxy(37.9838, 0.3523, 0.2675)

Conversions

Conversions Part 1

Format	Color
Hex	E389BF
RGB	227, 137, 191
RGB Percent	89%, 54%, 75%
CMY	0.1099, 0.4627, 0.2510
CMYK	0.00, 0.40, 0.16, 0.11
HSL	324°, 62%, 71%
HSV	324°, 40%, 89%
XYZ	50.0250, 37.9838, 53.9867
YIQ	170.0660, 36.3060, 35.8740

Conversions

Conversions Part 2

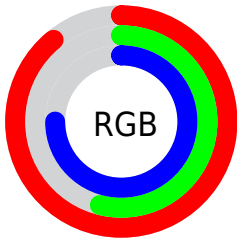
Format	Color
R_{YB}	227, 137, 191
Decimal	14911935
CIE _{Lab}	68.01, 41.59, -13.45
CIE _{LCh}	68, 43.710, 342.073
Yxy	37.9838, 0.3523, 0.2675
Android (android.graphics.Color)	4293102015 (0xFFE389BF)
YUV	170.0660, 10.3205, 49.9311
Hunter-Lab	61.6310, 37.0317, -8.7944

Details

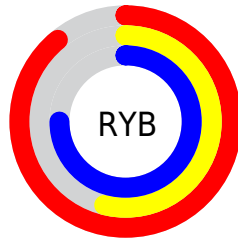
The Yxy color **37.9838, 0.3523, 0.2675** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.2672, 0.2870, 0.4006**, and the grayscale version is **40.1686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6747, 0.3214, 0.2746**, and **16.8780, 0.3627, 0.2508** is the 20% darker color. If you saturate the color by 10%, you get **31.8088, 0.3667, 0.2527**, and if you desaturate by 10%, it is **45.5445, 0.3398, 0.2833**.

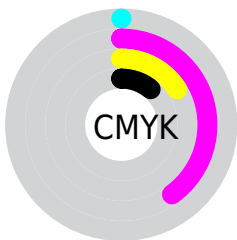
Distribution



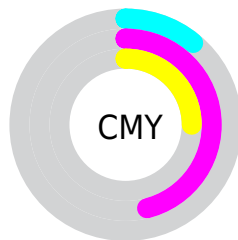
- Red (89%)
- Green (54%)
- Blue (75%)



- Red (89%)
- Yellow (54%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (16%)
- Black (11%)




- Cyan (11%)
- Magenta (46%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9838, 0.3523, 0.2675 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 37.9838, 0.3523, 0.2675 by changing the saturation by 10% instead.


 37.9838, 0.3523,
0.2675


 37.9838, 0.3523,
0.2675


337.5505, 0.3326,
0.2977


 25.9701, 0.3572,
0.2602

 72.0833, 0.3452,
0.2783

 16.8013, 0.3634,
0.2509

 94.9379, 0.3425,
0.2824

 10.0929, 0.3716,
0.2387


 122.1750, 0.3402,
0.2859

 5.4606, 0.3829,
0.2222

154.1788, 0.3383,
0.2889

 2.5200, 0.3994,
0.1986

191.3339, 0.3366,
0.2915

 0.8866, 0.4257,
0.1626

234.0246, 0.3351,

 0.0000, 0.5349,

0.2938


0.0000

282.6353, 0.3338,
0.2959


 0.0000, 0.0000,
0.0000

 37.9838, 0.3523,
0.2675


 37.9838, 0.3523,
0.2675


 31.8088, 0.3667,
0.2527


 45.5445, 0.3398,
0.2833


 26.9279, 0.3828,
0.2398


 54.5644, 0.3291,
0.2992


 23.2468, 0.4004,
0.2300


 65.1181, 0.3200,
0.3147


 20.6560, 0.4189,
0.2244


 77.2734, 0.3125,
0.3295

 19.0257, 0.4374,
0.2240

 91.0942, 0.3062,
0.3434

 18.1394, 0.4555,
0.2285

 94.4700, 0.3010,
0.3386

 18.1121, 0.4562,
0.2287

 95.0396, 0.2960,
0.3294

 95.0687, 0.2958,
0.3290

Harmonies

Analogous

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



37.9838, 0.2860, 0.2383



37.9838, 0.3523, 0.2675



37.9838, 0.4121, 0.3102

Triad

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



37.9838, 0.3523, 0.2675



37.9838, 0.3892, 0.4422



37.9838, 0.1987, 0.2771

Complementary

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



37.9838, 0.3523, 0.2675



63.2672, 0.2870, 0.4006

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.



37.9838, 0.2203, 0.3378



37.9838, 0.3523, 0.2675



37.9838, 0.3285, 0.4451

Square

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



37.9838, 0.3523, 0.2675



37.9838, 0.4320, 0.4074



37.9838, 0.2667, 0.4046



37.9838, 0.2034, 0.2398

Rectangle

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



37.9838, 0.3523, 0.2675



37.9838, 0.4363, 0.3427



37.9838, 0.2667, 0.4046



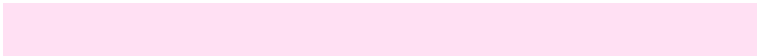
37.9838, 0.2029, 0.2951

Sweetspot

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



37.9856, 0.3523, 0.2675



81.2433, 0.3221, 0.3110



32.1550, 0.2672, 0.2163



16.9918, 0.3232, 0.3090



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.



37.9856, 0.3523, 0.2675



42.3843, 0.3647, 0.2545



36.3465, 0.4005, 0.3169



14.5125, 0.3199, 0.3150



10.5881, 0.4536, 0.2272



0.8007, 0.4290, 0.2137

Inverse Universe

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



37.9856, 0.3523, 0.2675



42.3843, 0.3647, 0.2545



65.2334, 0.2634, 0.3420



14.5125, 0.3199, 0.3150



10.5881, 0.4536, 0.2272



0.8007, 0.4290, 0.2137

Previews

White Background



This preview shows how the Yxy color 37.9838, 0.3523, 0.2675 looks on a white background.

Color Contrast Check

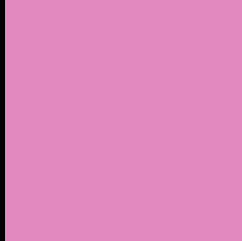
Large Text (above 18pt) WCAG AA × Fail

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 37.9838, 0.3523, 0.2675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

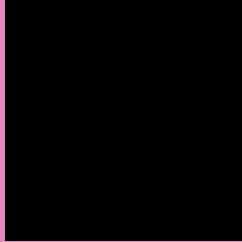
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9838, 0.3523, 0.2675

Background



This preview shows how black text looks on a background with the Yxy color 37.9838, 0.3523, 0.2675.



This preview shows how white text looks on a background with the Yxy color 37.9838, 0.3523, 0.2675.

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

37.9838, 0.3523, 0.2675

Protanopia

38.1726, 0.2689, 0.2671

Deuteranopia

38.3128, 0.3015, 0.2952



Tritanopia

38.0011, 0.3853, 0.3161

Trichromacy



Original Color

37.9838, 0.3523, 0.2675

Protanomaly

37.2468, 0.2953, 0.2658

Deuteranomaly

37.7508, 0.3196, 0.2842

Tritanomaly

37.7242, 0.3730, 0.2973

Monochromacy



Original Color

37.9838, 0.3523, 0.2675

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.7444, 0.3264, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9838, 0.3523, 0.2675 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(227, 137, 191)` looks like.

```
.text, #text, p{  
    color:rgb(227, 137, 191)  
}
```

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(227, 137, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 137, 191) }
```

Border

The CSS property to change the border of an element to Yxy 37.9838, 0.3523, 0.2675 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(227, 137, 191) }
```

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

```
.border{ border-color:rgb(227, 137, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 137, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 137, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 137, 191);  
box-shadow:4px 4px 4px 4px rgb(227, 137,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9838, 0.3523, 0.2675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 137, 191) }
```

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

```
.background{ background-color: rgb(227,  
137, 191) }
```

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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