

Converting Colors

$Y_{xy}(32.7764, 0.3527, 0.2341)$

Have a look what the booklet for
Yxy(32.7764, 0.3527, 0.2341)
contains.

Yxy(32.6482, 0.3528, 0.2338)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.6482, 0.3528, 0.2338)

Conversions

Conversions Part 1

Format	Color
Hex	E86FC7
RGB	232, 111, 199
RGB Percent	91%, 44%, 78%
CMY	0.0903, 0.5646, 0.2197
CMYK	0.00, 0.52, 0.14, 0.09
HSL	316°, 72%, 67%
HSV	316°, 52%, 91%
XYZ	49.2655, 32.6482, 57.7278
YIQ	157.2110, 43.8680, 53.0200

Conversions

Conversions Part 2

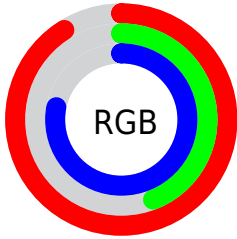
Format	Color
R _{YB}	232, 111, 199
Decimal	15232967
CIE _{Lab}	63.88, 57.35, -24.16
CIE _{LCh}	64, 62.232, 337.159
Y _{xy}	32.6482, 0.3528, 0.2338
Android (android.graphics.Color)	4293423047 (0xFFE86FC7)
YUV	157.2110, 20.6020, 65.5900
Hunter-Lab	57.1386, 53.9122, -19.9044

Details

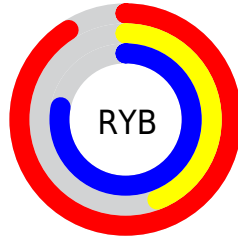
The Yxy color **32.6482, 0.3528, 0.2338** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **63.0978, 0.2889, 0.4507**, and the grayscale version is **33.7104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1174, 0.3167, 0.2431**, and **13.7754, 0.3632, 0.2091** is the 20% darker color. If you saturate the color by 10%, you get **27.9386, 0.3635, 0.2192**, and if you desaturate by 10%, it is **38.6875, 0.3429, 0.2509**.

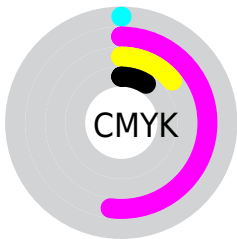
Distribution



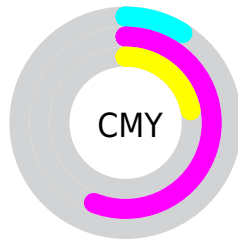
- Red (91%)
- Green (44%)
- Blue (78%)



- Red (91%)
- Yellow (44%)
- Blue (78%)



- Cyan (0%)
- Magenta (52%)
- Yellow (14%)
- Black (9%)




- Cyan (9%)
- Magenta (56%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6482, 0.3528, 0.2338 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 32.6482, 0.3528, 0.2338 by changing the saturation by 10% instead.


 32.6482, 0.3528,
0.2338


 32.6482, 0.3528,
0.2338


314.0615, 0.3336,
0.2799


 21.8571, 0.3573,
0.2229


 63.8259, 0.3460,
0.2502

 13.7519, 0.3629,
0.2091


 84.9813, 0.3434,
0.2564

 7.9483, 0.3701,
0.1916


 110.3602, 0.3412,
0.2618

 4.0619, 0.3795,
0.1683

140.3470, 0.3392,
0.2664

 1.7082, 0.3920,
0.1366

175.3261, 0.3375,
0.2704

 0.4290, 0.4144,
0.0799

215.6820, 0.3361,

 0.0000, 0.4429,

0.2739

0.0000

261.7990, 0.3347,
0.2771

0.0000, 0.0000,
0.0000

32.6482, 0.3528,
0.2338

32.6482, 0.3528,
0.2338

27.9386, 0.3635,
0.2192

38.6875, 0.3429,
0.2509

24.4498, 0.3747,
0.2080

46.1447, 0.3341,
0.2693

22.0637, 0.3862,
0.2013

55.1061, 0.3263,
0.2883

20.6359, 0.3974,
0.1995

65.6496, 0.3196,
0.3071

20.0057, 0.4060,
0.2010

77.8477, 0.3138,
0.3252

■ 91.7685, 0.3090,
0.3424

■ 95.1608, 0.3052,
0.3407

■ 95.5504, 0.3017,
0.3343

■ 95.8926, 0.2987,
0.3290

Harmonies

Analogous

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



32.6482, 0.2575, 0.1985



32.6482, 0.3528, 0.2338



32.6482, 0.4488, 0.2878

Triad

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



32.6482, 0.3528, 0.2338



32.6482, 0.4287, 0.4830



32.6482, 0.1551, 0.2603

Complementary

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



32.6482, 0.3528, 0.2338



63.0978, 0.2889, 0.4507

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.



32.6482, 0.1870, 0.3560



32.6482, 0.3528, 0.2338



32.6482, 0.3433, 0.5109

Square

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



32.6482, 0.3528, 0.2338



32.6482, 0.4892, 0.4199



32.6482, 0.2546, 0.4628



32.6482, 0.1573, 0.2058

Rectangle

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



32.6482, 0.3528, 0.2338



32.6482, 0.4905, 0.3299



32.6482, 0.2546, 0.4628



32.6482, 0.1617, 0.2879

Sweetspot

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



32.6498, 0.3528, 0.2338



75.9782, 0.3221, 0.2998



23.0642, 0.2364, 0.1724



15.6836, 0.3235, 0.2959



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.



32.6498, 0.3528, 0.2338



34.0397, 0.3648, 0.2176



30.3983, 0.4273, 0.2977



14.5446, 0.3179, 0.3121



11.1307, 0.4043, 0.2001



0.8379, 0.3893, 0.1918

Inverse Universe

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



32.6498, 0.3528, 0.2338



34.0397, 0.3648, 0.2176



65.4315, 0.2587, 0.3658



14.5446, 0.3179, 0.3121



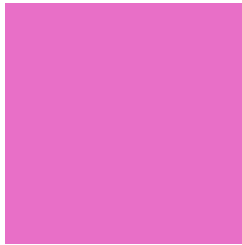
11.1307, 0.4043, 0.2001



0.8379, 0.3893, 0.1918

Previews

White Background



This preview shows how the Yxy color 32.6482, 0.3528, 0.2338 looks on a white background.

Color Contrast Check

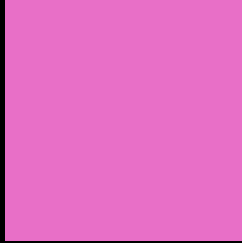
Large Text (above 18pt) WCAG AA × Fail

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 32.6482, 0.3528, 0.2338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

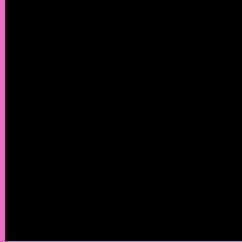
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6482, 0.3528, 0.2338

Background



This preview shows how black text looks on a background with the Yxy color 32.6482, 0.3528, 0.2338.



This preview shows how white text looks on a background with the Yxy color 32.6482, 0.3528, 0.2338.

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

32.6482, 0.3528, 0.2338

Protanopia

33.2191, 0.2352, 0.2241

Deuteranopia

32.8416, 0.2774, 0.2719



Tritanopia

32.6785, 0.4183, 0.3187

Trichromacy



Original Color

32.6482, 0.3528, 0.2338



Protanomaly

31.3984, 0.2684, 0.2241



Deuteranomaly

31.5347, 0.3012, 0.2525



Tritanomaly

32.6373, 0.3951, 0.2865

Monochromacy



Original Color

32.6482, 0.3528, 0.2338



Achromatopsia

33.7164, 0.3127, 0.3290



Achromatomaly

31.9251, 0.3274, 0.2856

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6482, 0.3528, 0.2338 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(232, 111, 199)` looks like.

```
.text, #text, p{  
    color:rgb(232, 111, 199)  
}
```

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(232, 111, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 111, 199) }
```

Border

The CSS property to change the border of an element to Yxy 32.6482, 0.3528, 0.2338 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(232, 111, 199) }
```

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

```
.border{ border-color:rgb(232, 111, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 111, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 111, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 111, 199);  
box-shadow:4px 4px 4px 4px rgb(232, 111,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6482, 0.3528, 0.2338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 111, 199) }
```

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

```
.background{ background-color: rgb(232,  
111, 199) }
```

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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