

Converting Colors

$Y_{xy}(26.5057, 0.3492, 0.1973)$

Have a look what the booklet for
Yxy(26.5057, 0.3492, 0.1973)
contains.

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Color

Yxy(26.5096, 0.3487, 0.1972)

Conversions

Conversions Part 1

Format	Color
Hex	E84ACE
RGB	232, 74, 206
RGB Percent	91%, 29%, 81%
CMY	0.0901, 0.7099, 0.1921
CMYK	0.00, 0.68, 0.11, 0.09
HSL	310°, 77%, 60%
HSV	310°, 68%, 91%
XYZ	46.8757, 26.5096, 61.0447
YIQ	136.2900, 51.7960, 74.5480

Conversions

Conversions Part 2

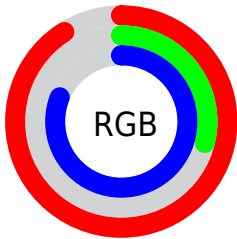
Format	Color
R _Y B	232, 74, 206
Decimal	15223502
CIE Lab	58.52, 73.84, -36.44
CIE LCh	59, 82.342, 333.737
Yxy	26.5096, 0.3487, 0.1972
Android (android.graphics.Color)	4293413582 (0xFFE84ACE)
YUV	136.2900, 34.3670, 83.9377
Hunter-Lab	51.4875, 72.4087, -34.2543

Details

The Yxy color **26.5096, 0.3487, 0.1972** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **60.1041, 0.2931, 0.5183**, and the grayscale version is **24.5854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.5302, 0.3181, 0.2136**, and **11.1186, 0.3557, 0.1733** is the 20% darker color. If you saturate the color by 10%, you get **23.7813, 0.3551, 0.1871**, and if you desaturate by 10%, it is **30.3866, 0.3423, 0.2114**.

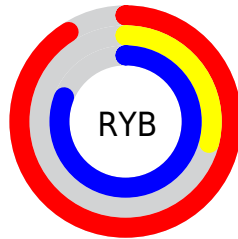
Distribution



Red (91%)

Green (29%)

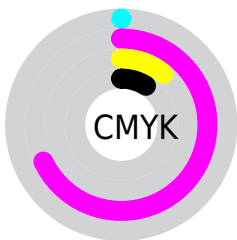
Blue (81%)



Red (91%)

Yellow (29%)

Blue (81%)

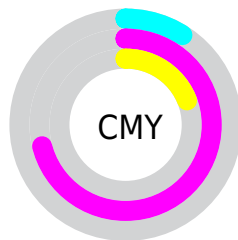


Cyan (0%)

Magenta (68%)

Yellow (11%)

Black (9%)



Cyan (9%)

Magenta (71%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5096, 0.3487, 0.1972 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 26.5096, 0.3487, 0.1972 by changing the saturation by 10% instead.


 26.5096, 0.3487,
0.1972


 26.5096, 0.3487,
0.1972


285.2748, 0.3328,
0.2601


 17.2053, 0.3519,
0.1827


 54.0959, 0.3435,
0.2192

 10.3809, 0.3556,
0.1648


 73.1467, 0.3413,
0.2278


 5.6523, 0.3598,
0.1425


 96.2151, 0.3395,
0.2351

 2.6348, 0.3640,
0.1143

 123.6854, 0.3378,
0.2414

 0.9442, 0.3672,
0.0788

 155.9422, 0.3364,
0.2470

 0.0000, 0.3792,
0.0000

193.3698, 0.3351,

 0.0000, 0.3355,

0.2519

0.0000

236.3525, 0.3339,
0.2563

0.0000, 0.0000,
0.0000

26.5096, 0.3487,
0.1972

26.5096, 0.3487,
0.1972

23.7813, 0.3551,
0.1871

30.3866, 0.3423,
0.2114

22.0650, 0.3613,
0.1815

35.5212, 0.3361,
0.2289

21.1752, 0.3671,
0.1802

42.0139, 0.3302,
0.2487


21.0482, 0.3682,
0.1802

49.9539, 0.3248,
0.2697

59.4229, 0.3200,
0.2912

 70.4964, 0.3158,
0.3124

 83.2451, 0.3121,
0.3328

 94.7698, 0.3090,
0.3475

 94.9949, 0.3069,
0.3436

Harmonies

Analogous

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



26.5096, 0.2235, 0.1577



26.5096, 0.3487, 0.1972



26.5096, 0.4902, 0.2604

Triad

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



26.5096, 0.3487, 0.1972



26.5096, 0.4623, 0.5116



26.5096, 0.1108, 0.2394

Complementary

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



26.5096, 0.3487, 0.1972



60.1041, 0.2931, 0.5183

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.



26.5096, 0.1494, 0.3813



26.5096, 0.3487, 0.1972



26.5096, 0.3505, 0.5846

Square

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



26.5096, 0.3487, 0.1972



26.5096, 0.5476, 0.4174



26.5096, 0.2366, 0.5451



26.5096, 0.1120, 0.1691

Rectangle

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



26.5096, 0.3487, 0.1972



26.5096, 0.5532, 0.3092



26.5096, 0.2366, 0.5451



26.5096, 0.1186, 0.2783

Sweetspot

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



26.5109, 0.3487, 0.1972



71.1367, 0.3209, 0.2869



13.3002, 0.1947, 0.1176



14.4981, 0.3223, 0.2809



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.



26.5109, 0.3487, 0.1972



28.4042, 0.3578, 0.1841



23.6469, 0.4581, 0.2727



14.5723, 0.3163, 0.3096



11.6979, 0.3673, 0.1797



0.8753, 0.3594, 0.1754

Inverse Universe

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



26.5109, 0.3487, 0.1972



28.4042, 0.3578, 0.1841



62.3469, 0.2582, 0.4066



14.5723, 0.3163, 0.3096



11.6979, 0.3673, 0.1797



0.8753, 0.3594, 0.1754

Previews

White Background



This preview shows how the Yxy color 26.5096, 0.3487, 0.1972 looks on a white background.

Color Contrast Check

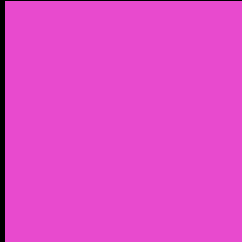
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5096, 0.3487, 0.1972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

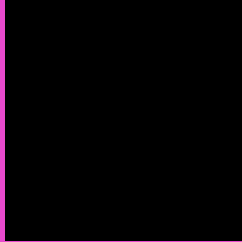
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5096, 0.3487, 0.1972

Background



This preview shows how black text looks on a background with the Yxy color 26.5096, 0.3487, 0.1972.



This preview shows how white text looks on a background with the Yxy color 26.5096, 0.3487, 0.1972.

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

26.5096, 0.3487, 0.1972

Protanopia

26.9961, 0.1967, 0.1732

Deuteranopia

26.6617, 0.2489, 0.2425



Tritanopia

26.3559, 0.4609, 0.3214

Trichromacy



Original Color

26.5096, 0.3487, 0.1972



Protanomaly

23.5523, 0.2298, 0.1703



Deuteranomaly

24.2181, 0.2789, 0.2133



Tritanomaly

25.8674, 0.4206, 0.2699

Monochromacy



Original Color

26.5096, 0.3487, 0.1972



Achromatopsia

24.6201, 0.3127, 0.3290



Achromatomaly

23.0414, 0.3281, 0.2595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5096, 0.3487, 0.1972 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, 74, 206)` looks like.

```
.text, #text, p{  
    color:rgb(232, 74, 206)  
}
```

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, 74, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 74, 206) }
```

Border

The CSS property to change the border of an element to Yxy 26.5096, 0.3487, 0.1972 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, 74, 206) }
```

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

```
.border{ border-color:rgb(232, 74, 206) }
```

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

Here you see how a box with a 4 pixel rgb(232, 74, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 74, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 74, 206);  
box-shadow:4px 4px 4px 4px rgb(232, 74,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5096, 0.3487, 0.1972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 74, 206) }
```

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

```
.background{ background-color: rgb(232, 74,  
206) }
```

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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