

Converting Colors

$Y_{xy}(26.1833, 0.3295, 0.1777)$

Have a look what the booklet for
Yxy(26.1833, 0.3295, 0.1777)
contains.

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Color

Yxy(26.1503, 0.3297, 0.1780)

Conversions

Conversions Part 1

Format	Color
Hex	E840DF
RGB	232, 64, 223
RGB Percent	91%, 25%, 87%
CMY	0.0901, 0.7491, 0.1254
CMYK	0.00, 0.72, 0.04, 0.09
HSL	303°, 79%, 58%
HSV	303°, 72%, 91%
XYZ	48.4368, 26.1503, 72.3247
YIQ	132.3580, 49.0890, 85.0650

Conversions

Conversions Part 2

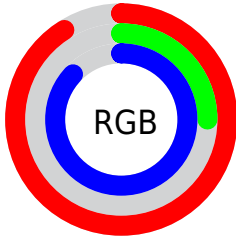
Format	Color
R _{YB}	232, 64, 223
Decimal	15220959
CIE Lab	58.18, 79.64, -46.61
CIE LCh	58, 92.274, 329.661
Yxy	26.1503, 0.3297, 0.1780
Android (android.graphics.Color)	4293411039 (0xFFE840DF)
YUV	132.3580, 44.6865, 87.3860
Hunter-Lab	51.1374, 79.5831, -48.0590

Details

The Yxy color **26.1503, 0.3297, 0.1780** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **59.2901, 0.2993, 0.5515**, and the grayscale version is **23.0303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6587, 0.3184, 0.2079**, and **11.5607, 0.3283, 0.1582** is the 20% darker color. If you saturate the color by 10%, you get **23.9909, 0.3318, 0.1686**, and if you desaturate by 10%, it is **29.4000, 0.3274, 0.1917**.

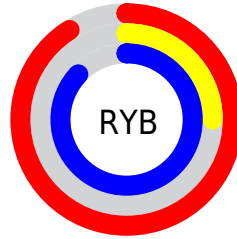
Distribution



Red (91%)

Green (25%)

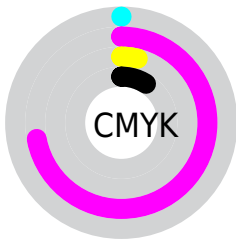
Blue (87%)



Red (91%)

Yellow (25%)

Blue (87%)

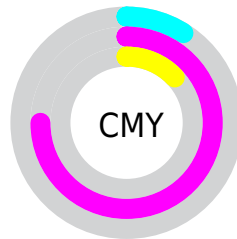


Cyan (0%)

Magenta (72%)

Yellow (4%)

Black (9%)



Cyan (9%)


Magenta (75%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1503, 0.3297, 0.1780 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 26.1503, 0.3297, 0.1780 by changing the saturation by 10% instead.


 26.1503, 0.3297,
0.1780


 26.1503, 0.3297,
0.1780


283.5191, 0.3249,
0.2482


 16.9361, 0.3298,
0.1624


 53.5173, 0.3288,
0.2021

 10.1890, 0.3294,
0.1437


 72.4389, 0.3282,
0.2116


 5.5244, 0.3278,
0.1209


 95.3652, 0.3276,
0.2198

 2.5581, 0.3239,
0.0932

 122.6804, 0.3270,
0.2269

 0.9057, 0.3150,
0.0604

 154.7690, 0.3264,
0.2332

 0.0000, 0.3028,
0.0000

192.0154, 0.3259,


 0.0000, 0.2482,


0.2388


0.0000

234.8040, 0.3253,
0.2437


 0.0000, 0.0000,
0.0000

 26.1503, 0.3297,
0.1780


 26.1503, 0.3297,
0.1780

 23.9909, 0.3318,
0.1686


 29.4000, 0.3274,
0.1917


 22.7731, 0.3337,
0.1635


 33.8564, 0.3249,
0.2093


 22.3043, 0.3350,
0.1619


 39.6254, 0.3224,
0.2298


 46.7999, 0.3199,
0.2524

 55.4648, 0.3175,
0.2761

 65.6980, 0.3152,
0.3000

 77.5720, 0.3132,
0.3235

 91.1549, 0.3113,
0.3459

 94.6295, 0.3104,
0.3500

Harmonies

Analogous

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



26.1503, 0.1996, 0.1407



26.1503, 0.3297, 0.1780



26.1503, 0.4916, 0.2418

Triad

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



26.1503, 0.3297, 0.1780



26.1503, 0.4833, 0.5059



26.1503, 0.0970, 0.2427

Complementary

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



26.1503, 0.3297, 0.1780



59.2901, 0.2993, 0.5515

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.



26.1503, 0.1416, 0.4137



26.1503, 0.3297, 0.1780



26.1503, 0.3617, 0.6042

Square

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



26.1503, 0.3297, 0.1780



26.1503, 0.5746, 0.4019



26.1503, 0.2393, 0.5945



26.1503, 0.0949, 0.1601

Rectangle

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



26.1503, 0.3297, 0.1780



26.1503, 0.5703, 0.2917



26.1503, 0.2393, 0.5945



26.1503, 0.1062, 0.2893

Sweetspot

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



26.1515, 0.3297, 0.1780



69.0891, 0.3174, 0.2768



10.8839, 0.1778, 0.1013



14.1176, 0.3180, 0.2703



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.



26.1515, 0.3297, 0.1780



28.8353, 0.3328, 0.1655



22.7039, 0.4451, 0.2538



14.6012, 0.3146, 0.3071



12.3871, 0.3347, 0.1618



0.9195, 0.3325, 0.1606

Inverse Universe

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



26.1515, 0.3297, 0.1780



28.8353, 0.3328, 0.1655



61.2234, 0.2649, 0.4382



14.6012, 0.3146, 0.3071



12.3871, 0.3347, 0.1618



0.9195, 0.3325, 0.1606

Previews

White Background



This preview shows how the Yxy color 26.1503, 0.3297, 0.1780 looks on a white background.

Color Contrast Check

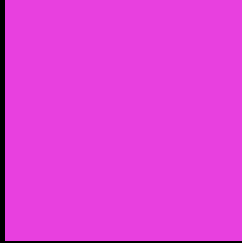
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1503, 0.3297, 0.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

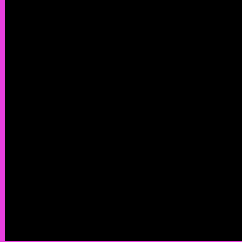
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1503, 0.3297, 0.1780

Background



This preview shows how black text looks on a background with the Yxy color 26.1503, 0.3297, 0.1780.



This preview shows how white text looks on a background with the Yxy color 26.1503, 0.3297, 0.1780.

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

26.1503, 0.3297, 0.1780

Protanopia

26.5338, 0.1948, 0.1714

Deuteranopia

26.5738, 0.2272, 0.2219



Tritanopia

26.0419, 0.4588, 0.3213

Trichromacy



Original Color

26.1503, 0.3297, 0.1780



Protanomaly

22.7738, 0.2235, 0.1603



Deuteranomaly

23.2216, 0.2549, 0.1901



Tritanomaly

25.2264, 0.4106, 0.2596

Monochromacy



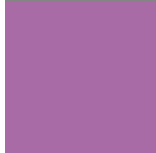
Original Color

26.1503, 0.3297, 0.1780



Achromatopsia

23.0740, 0.3127, 0.3290



Achromatomaly

21.5568, 0.3203, 0.2449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1503, 0.3297, 0.1780 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, 64, 223)` looks like.

```
.text, #text, p{  
    color:rgb(232, 64, 223)  
}
```

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, 64, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 64, 223) }
```

Border

The CSS property to change the border of an element to Yxy 26.1503, 0.3297, 0.1780 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, 64, 223) }
```

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

```
.border{ border-color:rgb(232, 64, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 64, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 64, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 64, 223);  
box-shadow:4px 4px 4px 4px rgb(232, 64,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1503, 0.3297, 0.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 64, 223) }
```

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

```
.background{ background-color: rgb(232, 64,  
223) }
```

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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