

Converting Colors

Yxy(36.0554, 0.3147, 0.2167)

Have a look what the booklet for
Yxy(36.0554, 0.3147, 0.2167)
contains.

Yxy(36.0800, 0.3141, 0.2163)	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(36.0800, 0.3141, 0.2163)

Conversions

Conversions Part 1

Format	Color
Hex	E17CE5
RGB	225, 124, 229
RGB Percent	88%, 49%, 90%
CMY	0.1178, 0.5136, 0.1020
CMYK	0.02, 0.46, 0.00, 0.10
HSL	298°, 67%, 69%
HSV	298°, 46%, 90%
XYZ	52.3936, 36.0800, 78.3318
YIQ	166.1690, 26.4910, 54.0670

Conversions

Conversions Part 2

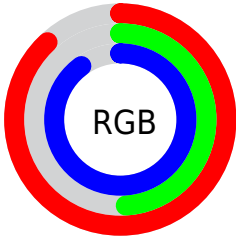
Format	Color
R _Y B	225, 124, 229
Decimal	14777573
CIE Lab	66.58, 54.02, -36.83
CIE LCh	67, 65.375, 325.715
Yxy	36.0800, 0.3141, 0.2163
Android (android.graphics.Color)	4292967653 (0xFFE17CE5)
YUV	166.1690, 30.9757, 51.5948
Hunter-Lab	60.0666, 50.5814, -35.2724

Details

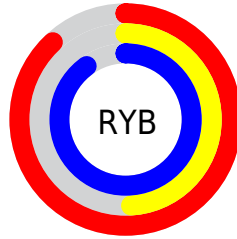
The Yxy color **36.0800, 0.3141, 0.2163** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **62.0894, 0.3083, 0.4719**, and the grayscale version is **38.0597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7202, 0.3162, 0.2546**, and **15.7223, 0.3125, 0.1899** is the 20% darker color. If you saturate the color by 10%, you get **30.8504, 0.3140, 0.1954**, and if you desaturate by 10%, it is **42.6462, 0.3140, 0.2397**.

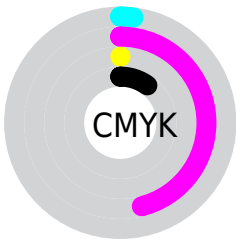
Distribution



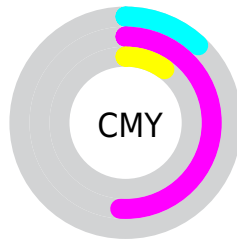
- Red (88%)
- Green (49%)
- Blue (90%)



- Red (88%)
- Yellow (49%)
- Blue (90%)



- Cyan (2%)
- Magenta (46%)
- Yellow (0%)
- Black (10%)




- Cyan (12%)
- Magenta (51%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0800, 0.3141, 0.2163 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 36.0800, 0.3141, 0.2163 by changing the saturation by 10% instead.


 36.0800, 0.3141,
0.2163


 36.0800, 0.3141,
0.2163


329.3101, 0.3155,
0.2690

 24.4960, 0.3132,
0.2044


 69.1555, 0.3150,
0.2345

 15.7020, 0.3118,
0.1897


 91.4158, 0.3152,
0.2417

 9.3135, 0.3094,
0.1715


 118.0037, 0.3154,
0.2478

 4.9462, 0.3054,
0.1482

149.3035, 0.3155,
0.2531

 2.2157, 0.2981,
0.1181

185.6996, 0.3155,
0.2578

 0.7286, 0.2840,
0.0785

227.5765, 0.3155,


 0.0000, 0.2612,

0.2620

0.0000


275.3185, 0.3155,
0.2656


 0.0000, 0.0000,
0.0000


 36.0800, 0.3141,
0.2163

 36.0800, 0.3141,
0.2163


 30.8504, 0.3140,
0.1954


 42.6462, 0.3140,
0.2397


 26.8590, 0.3137,
0.1778


 50.6288, 0.3138,
0.2645


 24.0017, 0.3131,
0.1643

 60.1070, 0.3135,
0.2898

 22.1554, 0.3124,
0.1551

 71.1527, 0.3130,
0.3148

 21.1678, 0.3116,
0.1501

 83.8332, 0.3125,
0.3389

■ 20.9037, 0.3112,
0.1488

■ 94.0412, 0.3122,
0.3554

■ 94.1875, 0.3128,
0.3554

■ 94.3345, 0.3133,
0.3553

■ 94.4822, 0.3139,
0.3553

Harmonies

Analogous

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



36.0800, 0.2269, 0.1897



36.0800, 0.3141, 0.2163



36.0800, 0.4166, 0.2646

Triad

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



36.0800, 0.3141, 0.2163



36.0800, 0.4576, 0.4622



36.0800, 0.1610, 0.2915

Complementary

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



36.0800, 0.3141, 0.2163



62.0894, 0.3083, 0.4719

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.



36.0800, 0.2073, 0.4002



36.0800, 0.3141, 0.2163



36.0800, 0.3779, 0.5101

Square

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



36.0800, 0.3141, 0.2163



36.0800, 0.5033, 0.3941



36.0800, 0.2867, 0.4941



36.0800, 0.1508, 0.2201

Rectangle

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



36.0800, 0.3141, 0.2163



36.0800, 0.4722, 0.3049



36.0800, 0.2867, 0.4941



36.0800, 0.1723, 0.3249

Sweetspot

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



36.0816, 0.3141, 0.2163



79.0403, 0.3134, 0.2942



25.7179, 0.2272, 0.1926



16.3039, 0.3135, 0.2887



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.



36.0816, 0.3141, 0.2163



39.6762, 0.3140, 0.1964



34.4482, 0.3670, 0.2637



14.5855, 0.3132, 0.3058



11.9642, 0.3114, 0.1489



0.8930, 0.3128, 0.1497

Inverse Universe

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



32.6408, 0.4320, 0.3247



34.8240, 0.4723, 0.3242



63.2769, 0.2810, 0.4068



14.3769, 0.3286, 0.3281



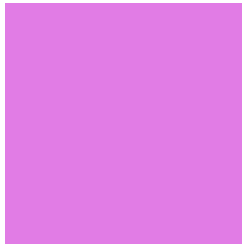
9.5393, 0.6359, 0.3276



0.7081, 0.6242, 0.3212

Previews

White Background



This preview shows how the Yxy color 36.0800, 0.3141, 0.2163 looks on a white background.

Color Contrast Check

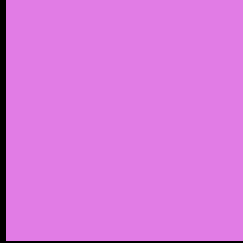
Large Text (above 18pt) WCAG AA × Fail

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 36.0800, 0.3141, 0.2163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

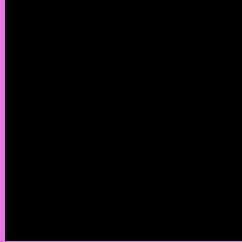
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0800, 0.3141, 0.2163

Background



This preview shows how black text looks on a background with the Yxy color 36.0800, 0.3141, 0.2163.



This preview shows how white text looks on a background with the Yxy color 36.0800, 0.3141, 0.2163.

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

36.0800, 0.3141, 0.2163

Protanopia

36.4519, 0.2230, 0.2082

Deuteranopia

36.3448, 0.2521, 0.2460



Tritanopia

36.0601, 0.3810, 0.3169

Trichromacy



Original Color

36.0800, 0.3141, 0.2163



Protanomaly

34.8930, 0.2483, 0.2072



Deuteranomaly

35.1879, 0.2709, 0.2310



Tritanomaly

35.6833, 0.3563, 0.2757

Monochromacy



Original Color

36.0800, 0.3141, 0.2163



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

36.3721, 0.3131, 0.2795

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0800, 0.3141, 0.2163 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(225, 124, 229)` looks like.

```
.text, #text, p{  
    color:rgb(225, 124, 229)  
}
```

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(225, 124, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 124, 229) }
```

Border

The CSS property to change the border of an element to Yxy 36.0800, 0.3141, 0.2163 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(225, 124, 229) }
```

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

```
.border{ border-color:rgb(225, 124, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 124, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 124, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 124, 229);  
box-shadow:4px 4px 4px 4px rgb(225, 124,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0800, 0.3141, 0.2163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 124, 229) }
```

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

```
.background{ background-color: rgb(225,  
124, 229) }
```

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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