

Converting Colors

$Y_{xy}(29.2592, 0.33336, 0.2041)$

Have a look what the booklet for
Yxy(29.2592, 0.3336, 0.2041)
contains.

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Color

Yxy(29.1404, 0.3338, 0.2039)

Conversions

Conversions Part 1

Format	Color
Hex	E35ED5
RGB	227, 94, 213
RGB Percent	89%, 37%, 84%
CMY	0.1096, 0.6315, 0.1647
CMYK	0.00, 0.59, 0.06, 0.11
HSL	306°, 70%, 63%
HSV	306°, 59%, 89%
XYZ	47.7051, 29.1404, 66.0697
YIQ	147.3330, 41.0690, 65.2050

Conversions

Conversions Part 2

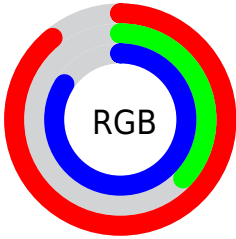
Format	Color
R _{YB}	227, 94, 213
Decimal	14900949
CIE _{Lab}	60.91, 65.87, -36.73
CIE _{LCh}	61, 75.413, 330.857
Yxy	29.1404, 0.3338, 0.2039
Android (android.graphics.Color)	4293091029 (0xFFE35ED5)
YUV	147.3330, 32.3738, 69.8680
Hunter-Lab	53.9818, 63.2766, -34.7792

Details

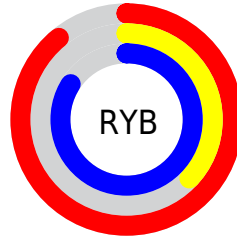
The Yxy color **29.1404, 0.3338, 0.2039** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **58.4274, 0.2978, 0.5000**, and the grayscale version is **29.1688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6132, 0.3174, 0.2284**, and **11.8836, 0.3369, 0.1739** is the 20% darker color. If you saturate the color by 10%, you get **25.5619, 0.3380, 0.1892**, and if you desaturate by 10%, it is **33.9105, 0.3296, 0.2221**.

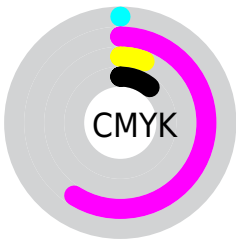
Distribution



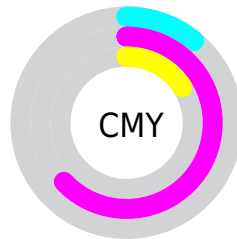
- Red (89%)
- Green (37%)
- Blue (84%)



- Red (89%)
- Yellow (37%)
- Blue (84%)



- Cyan (0%)
- Magenta (59%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (63%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1404, 0.3338, 0.2039 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 29.1404, 0.3338, 0.2039 by changing the saturation by 10% instead.


 29.1404, 0.3338,
0.2039


 29.1404, 0.3338,
0.2039


297.8768, 0.3255,
0.2633

 19.1871, 0.3351,
0.1902


 58.3001, 0.3313,
0.2247


 11.8055, 0.3365,
0.1734


 78.2752, 0.3302,
0.2327

 6.6114, 0.3375,
0.1524


 102.3597, 0.3293,
0.2396

 3.2203, 0.3377,
0.1256

 130.9380, 0.3284,
0.2456

 1.2478, 0.3353,
0.0915

164.3945, 0.3276,
0.2509

 0.1002, 0.3372,
0.0166

203.1135, 0.3268,

 0.0000, 0.2937,

0.2555

0.0000

247.4795, 0.3261,
0.2597

■ 0.0000, 0.0000,
0.0000

■ 29.1404, 0.3338,
0.2039

■ 29.1404, 0.3338,
0.2039

■ 25.5619, 0.3380,
0.1892

■ 33.9105, 0.3296,
0.2221

■ 23.0634, 0.3420,
0.1785

■ 39.9626, 0.3256,
0.2427

■ 21.5192, 0.3458,
0.1723

■ 47.3831, 0.3218,
0.2648

■ 20.7401, 0.3493,
0.1702

■ 56.2498, 0.3183,
0.2876

■ 20.6563, 0.3498,
0.1701

■ 66.6346, 0.3151,
0.3101

 78.6046, 0.3124,
0.3320

 92.2230, 0.3099,
0.3527

 93.6957, 0.3085,
0.3523

 93.8329, 0.3071,
0.3498

Harmonies

Analogous

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



29.1404, 0.2238, 0.1691



29.1404, 0.3338, 0.2039



29.1404, 0.4603, 0.2618

Triad

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



29.1404, 0.3338, 0.2039



29.1404, 0.4639, 0.4931



29.1404, 0.1289, 0.2603

Complementary

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



29.1404, 0.3338, 0.2039



58.4274, 0.2978, 0.5000

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.



29.1404, 0.1715, 0.3914



29.1404, 0.3338, 0.2039



29.1404, 0.3637, 0.5552

Square

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



29.1404, 0.3338, 0.2039



29.1404, 0.5336, 0.4096



29.1404, 0.2573, 0.5262



29.1404, 0.1256, 0.1880

Rectangle

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



29.1404, 0.3338, 0.2039



29.1404, 0.5219, 0.3080



29.1404, 0.2573, 0.5262



29.1404, 0.1382, 0.2979

Sweetspot

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



29.1418, 0.3338, 0.2039



73.8221, 0.3181, 0.2887



16.6886, 0.2078, 0.1447



15.0287, 0.3191, 0.2820



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.



29.1418, 0.3338, 0.2039



32.5641, 0.3387, 0.1869



26.4497, 0.4179, 0.2697



14.5877, 0.3154, 0.3082



12.0508, 0.3493, 0.1698



0.8981, 0.3446, 0.1672

Inverse Universe

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



29.1418, 0.3338, 0.2039



32.5641, 0.3387, 0.1869



60.3935, 0.2654, 0.4036



14.5877, 0.3154, 0.3082



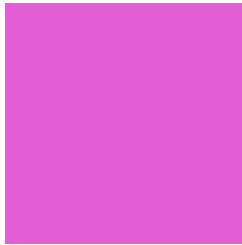
12.0508, 0.3493, 0.1698



0.8981, 0.3446, 0.1672

Previews

White Background



This preview shows how the Yxy color 29.1404, 0.3338, 0.2039 looks on a white background.

Color Contrast Check

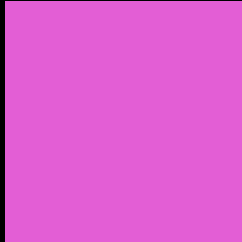
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1404, 0.3338, 0.2039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

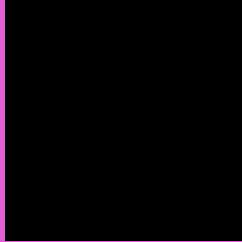
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1404, 0.3338, 0.2039

Background



This preview shows how black text looks on a background with the Yxy color 29.1404, 0.3338, 0.2039.

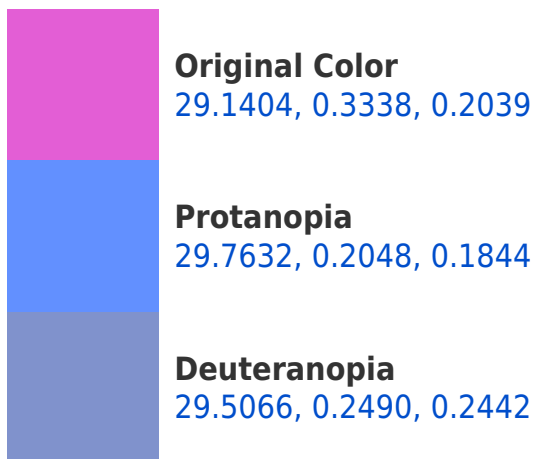


This preview shows how white text looks on a background with the Yxy color 29.1404, 0.3338, 0.2039.

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





Tritanopia

28.9807, 0.4257, 0.3184

Trichromacy



Original Color

29.1404, 0.3338, 0.2039



Protanomaly

27.2327, 0.2357, 0.1841



Deuteranomaly

27.5763, 0.2749, 0.2219



Tritanomaly

28.7781, 0.3913, 0.2716

Monochromacy



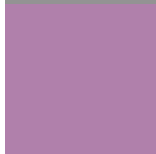
Original Color

29.1404, 0.3338, 0.2039



Achromatopsia

29.1771, 0.3127, 0.3290



Achromatomaly

27.6087, 0.3211, 0.2688

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1404, 0.3338, 0.2039 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, 94, 213)` looks like.

```
.text, #text, p{  
    color:rgb(227, 94, 213)  
}
```

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, 94, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 94, 213) }
```

Border

The CSS property to change the border of an element to Yxy 29.1404, 0.3338, 0.2039 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, 94, 213) }
```

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

```
.border{ border-color:rgb(227, 94, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 94, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 94, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 94, 213); box-shadow:4px 4px 4px 4px rgb(227, 94, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1404, 0.3338, 0.2039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 94, 213) }
```

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

```
.background{ background-color: rgb(227, 94,  
213) }
```

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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