

Converting Colors

Yxy(34.6932, 0.3185, 0.2093)

Have a look what the booklet for
Yxy(34.6932, 0.3185, 0.2093)
contains.

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Color

Yxy(34.5766, 0.3183, 0.2093)

Conversions

Conversions Part 1

Format	Color
Hex	E573E5
RGB	229, 115, 229
RGB Percent	90%, 45%, 90%
CMY	0.1020, 0.5490, 0.1019
CMYK	0.00, 0.50, 0.00, 0.10
HSL	300°, 69%, 67%
HSV	300°, 50%, 90%
XYZ	52.5835, 34.5766, 78.0410
YIQ	162.0820, 31.3500, 59.6220

Conversions

Conversions Part 2

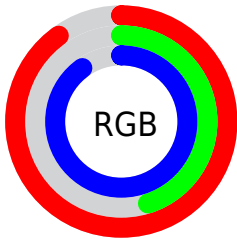
Format	Color
R _Y B	229, 115, 229
Decimal	15037413
CIE Lab	65.42, 59.52, -38.61
CIE LCh	65, 70.950, 327.031
Yxy	34.5766, 0.3183, 0.2093
Android (android.graphics.Color)	4293227493 (0xFFE573E5)
YUV	162.0820, 32.9906, 58.6871
Hunter-Lab	58.8019, 56.7202, -37.5276

Details

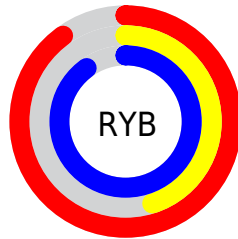
The Yxy color **34.5766, 0.3183, 0.2093** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **60.9327, 0.3053, 0.4871**, and the grayscale version is **36.0055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6058, 0.3166, 0.2469**, and **14.8030, 0.3169, 0.1811** is the 20% darker color. If you saturate the color by 10%, you get **29.9861, 0.3192, 0.1903**, and if you desaturate by 10%, it is **40.4674, 0.3173, 0.2312**.

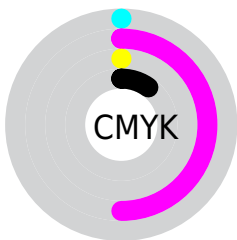
Distribution



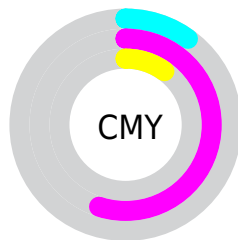
- Red (90%)
- Green (45%)
- Blue (90%)



- Red (90%)
- Yellow (45%)
- Blue (90%)



- Cyan (0%)
- Magenta (50%)
- Yellow (0%)
- Black (10%)




- Cyan (10%)
- Magenta (55%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5766, 0.3183, 0.2093 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 34.5766, 0.3183, 0.2093 by changing the saturation by 10% instead.

 34.5766, 0.3183,
0.2093


 34.5766, 0.3183,
0.2093


322.6955, 0.3178,
0.2650


 23.3369, 0.3178,
0.1967


 66.8293, 0.3186,
0.2286

 14.8425, 0.3168,
0.1814


 88.6112, 0.3186,
0.2361

 8.7089, 0.3149,
0.1623


 114.6758, 0.3185,
0.2426

 4.5518, 0.3114,
0.1382

145.4077, 0.3184,
0.2482

 1.9868, 0.3047,
0.1075

181.1912, 0.3183,
0.2532

 0.5998, 0.2916,
0.0657

222.4108, 0.3181,

 0.0000, 0.2661,

0.2576

0.0000

269.4507, 0.3180,
0.2615

■ 0.0000, 0.0000,
0.0000

■ 34.5766, 0.3183,
0.2093

■ 34.5766, 0.3183,
0.2093

■ 29.9861, 0.3192,
0.1903

■ 40.4674, 0.3173,
0.2312

■ 26.5934, 0.3199,
0.1751

■ 47.7416, 0.3162,
0.2551

■ 24.2882, 0.3204,
0.1641


■ 56.4811, 0.3150,
0.2800


■ 22.9379, 0.3207,
0.1573


■ 66.7599, 0.3138,
0.3051


■ 22.3187, 0.3208,
0.1542

■ 78.6469, 0.3127,
0.3295

 22.3076, 0.3208,
0.1541

 92.2072, 0.3116,
0.3529

 93.8404, 0.3115,
0.3555

 93.8415, 0.3115,
0.3555

 93.8425, 0.3115,
0.3555

Harmonies

Analogous

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



34.5766, 0.2226, 0.1799



34.5766, 0.3183, 0.2093



34.5766, 0.4312, 0.2613

Triad

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



34.5766, 0.3183, 0.2093



34.5766, 0.4641, 0.4733



34.5766, 0.1476, 0.2818

Complementary

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



34.5766, 0.3183, 0.2093



60.9327, 0.3053, 0.4871

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.



34.5766, 0.1941, 0.4018



34.5766, 0.3183, 0.2093



34.5766, 0.3761, 0.5283

Square

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



34.5766, 0.3183, 0.2093



34.5766, 0.5183, 0.3987



34.5766, 0.2778, 0.5104



34.5766, 0.1392, 0.2077

Rectangle

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



34.5766, 0.3183, 0.2093



34.5766, 0.4911, 0.3041



34.5766, 0.2778, 0.5104



34.5766, 0.1586, 0.3178

Sweetspot

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



34.5781, 0.3183, 0.2093



77.9749, 0.3145, 0.2918



22.0069, 0.2179, 0.1740



16.1071, 0.3147, 0.2865



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.



34.5781, 0.3183, 0.2093



37.9746, 0.3192, 0.1893



31.9782, 0.3783, 0.2625



14.6150, 0.3138, 0.3059



12.7527, 0.3209, 0.1541



0.9425, 0.3209, 0.1541

Inverse Universe

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



30.1644, 0.4537, 0.3294



31.7229, 0.5027, 0.3295



62.5990, 0.2771, 0.4094



14.3681, 0.3293, 0.3290



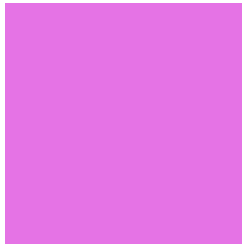
9.5243, 0.6400, 0.3300



0.7038, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 34.5766, 0.3183, 0.2093 looks on a white background.

Color Contrast Check

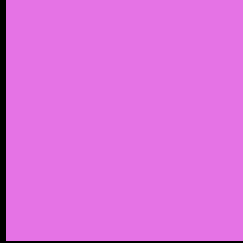
Large Text (above 18pt) WCAG AA × Fail

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 34.5766, 0.3183, 0.2093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

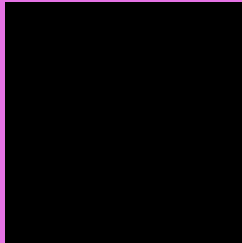
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5766, 0.3183, 0.2093

Background



This preview shows how black text looks on a background with the Yxy color 34.5766, 0.3183, 0.2093.

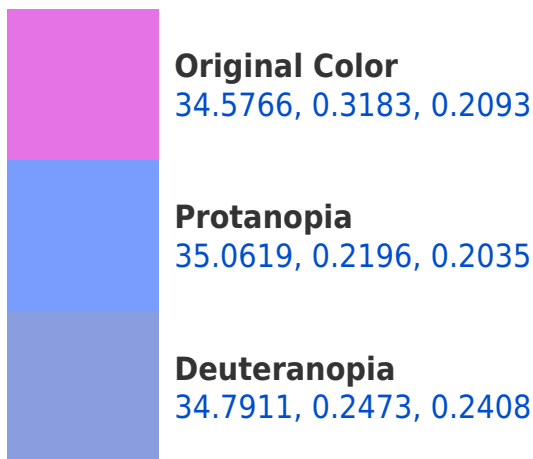


This preview shows how white text looks on a background with the Yxy color 34.5766, 0.3183, 0.2093.

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

34.4323, 0.3959, 0.3171

Trichromacy



Original Color

34.5766, 0.3183, 0.2093



Protanomaly

33.1772, 0.2460, 0.2007



Deuteranomaly

33.4402, 0.2687, 0.2243



Tritanomaly

34.2609, 0.3664, 0.2730

Monochromacy



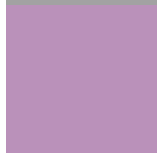
Original Color

34.5766, 0.3183, 0.2093



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

34.2351, 0.3152, 0.2751

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5766, 0.3183, 0.2093 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(229, 115, 229)` looks like.

```
.text, #text, p{  
    color:rgb(229, 115, 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(229, 115, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 115, 229) }
```

Border

The CSS property to change the border of an element to Yxy 34.5766, 0.3183, 0.2093 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(229, 115, 229) }
```

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

```
.border{ border-color:rgb(229, 115, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 115, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 115, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 115, 229);  
box-shadow:4px 4px 4px 4px rgb(229, 115,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5766, 0.3183, 0.2093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 115, 229) }
```

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

```
.background{ background-color: rgb(229,  
115, 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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