

Converting Colors

$Y_{xy}(28.9003, 0.3962, 0.2704)$

Have a look what the booklet for
Yxy(28.9003, 0.3962, 0.2704)
contains.

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Color

Yxy(28.9916, 0.3964, 0.2705)

Conversions

Conversions Part 1

Format	Color
Hex	E16B9E
RGB	225, 107, 158
RGB Percent	88%, 42%, 62%
CMY	0.1176, 0.5804, 0.3804
CMYK	0.00, 0.52, 0.30, 0.12
HSL	334°, 66%, 65%
HSV	334°, 52%, 88%
XYZ	42.4853, 28.9916, 35.7009
YIQ	148.0960, 53.9570, 40.8770

Conversions

Conversions Part 2

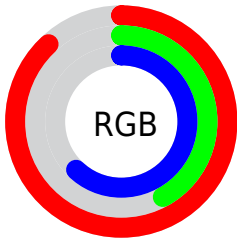
Format	Color
R_{YB}	225, 107, 158
Decimal	14773150
CIE _{Lab}	60.77, 51.38, -5.54
CIE _{LCh}	61, 51.674, 353.842
Yxy	28.9916, 0.3964, 0.2705
Android (android.graphics.Color)	4292963230 (0xFFE16B9E)
YUV	148.0960, 4.8827, 67.4448
Hunter-Lab	53.8438, 46.6180, -1.6213

Details

The Yxy color **28.9916, 0.3964, 0.2705** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **60.0448, 0.2706, 0.3998**, and the grayscale version is **29.6185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9048, 0.3528, 0.2767**, and **11.7330, 0.4245, 0.2513** is the 20% darker color. If you saturate the color by 10%, you get **24.4789, 0.4218, 0.2621**, and if you desaturate by 10%, it is **34.7735, 0.3741, 0.2810**.

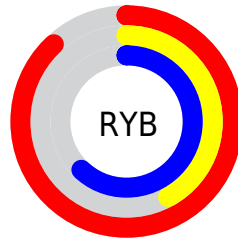
Distribution



Red (88%)

Green (42%)

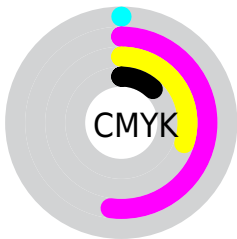
Blue (62%)



Red (88%)

Yellow (42%)

Blue (62%)

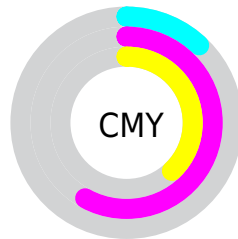


Cyan (0%)

Magenta (52%)

Yellow (30%)

Black (12%)



Cyan (12%)


Magenta (58%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.9916, 0.3964, 0.2705 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 28.9916, 0.3964, 0.2705 by changing the saturation by 10% instead.


 28.9916, 0.3964,
0.2705


 28.9916, 0.3964,
0.2705


297.1753, 0.3519,
0.3010

 19.0745, 0.4084,
0.2625


 58.0637, 0.3796,
0.2819


 11.7241, 0.4243,
0.2520


 77.9875, 0.3735,
0.2861

 6.5561, 0.4464,
0.2377


 102.0157, 0.3684,
0.2896

 3.1861, 0.4790,
0.2171

 130.5325, 0.3641,
0.2925

 1.2296, 0.5314,
0.1852

163.9226, 0.3604,
0.2951

 0.0857, 0.7174,
0.0427

202.5701, 0.3572,


 0.0000, 1.0000,


0.2973


0.0000

246.8596, 0.3544,
0.2993


 0.0000, 0.0000,
0.0000


 28.9916, 0.3964,
0.2705


 28.9916, 0.3964,
0.2705


 24.4789, 0.4218,
0.2621


 34.7735, 0.3741,
0.2810


 21.1328, 0.4497,
0.2570


 41.9081, 0.3551,
0.2924

 18.8420, 0.4788,
0.2565

 50.4765, 0.3392,
0.3041

 17.4705, 0.5073,
0.2614

 60.5525, 0.3260,
0.3156

 16.8786, 0.5276,
0.2680

 72.2046, 0.3151,
0.3264

85.4970, 0.3061,
0.3366

94.2742, 0.2987,
0.3366

94.7512, 0.2946,
0.3289

Harmonies

Analogous

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



28.9916, 0.3095, 0.2281



28.9916, 0.3964, 0.2705



28.9916, 0.4622, 0.3258

Triad

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



28.9916, 0.3964, 0.2705



28.9916, 0.3774, 0.4829



28.9916, 0.1698, 0.2388

Complementary

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



28.9916, 0.3964, 0.2705



60.0448, 0.2706, 0.3998

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.



28.9916, 0.1820, 0.3041



28.9916, 0.3964, 0.2705



28.9916, 0.2977, 0.4693

Square

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



28.9916, 0.3964, 0.2705



28.9916, 0.4443, 0.4447



28.9916, 0.2264, 0.3952



28.9916, 0.1876, 0.2076

Rectangle

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



28.9916, 0.3964, 0.2705



28.9916, 0.4792, 0.3660



28.9916, 0.2264, 0.3952



28.9916, 0.1704, 0.2566

Sweetspot

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



28.9931, 0.3964, 0.2705



75.2710, 0.3305, 0.3114



24.9353, 0.2680, 0.1842



15.5149, 0.3332, 0.3091



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.



28.9931, 0.3964, 0.2705



31.9997, 0.4244, 0.2614



29.3020, 0.4599, 0.3384



13.7984, 0.3225, 0.3189



9.7465, 0.5237, 0.2659



0.6933, 0.4848, 0.2445

Inverse Universe

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



28.9931, 0.3964, 0.2705



31.9997, 0.4244, 0.2614



58.2678, 0.2433, 0.3185



13.7984, 0.3225, 0.3189



9.7465, 0.5237, 0.2659



0.6933, 0.4848, 0.2445

Previews

White Background



This preview shows how the Yxy color 28.9916, 0.3964, 0.2705 looks on a white background.

Color Contrast Check

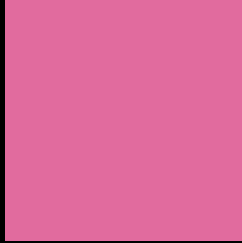
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9916, 0.3964, 0.2705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

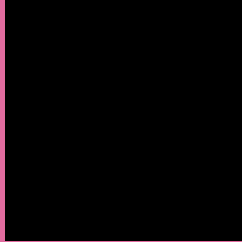
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9916, 0.3964, 0.2705

Background



This preview shows how black text looks on a background with the Yxy color 28.9916, 0.3964, 0.2705.



This preview shows how white text looks on a background with the Yxy color 28.9916, 0.3964, 0.2705.

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

28.9916, 0.3964, 0.2705

Protanopia

29.3799, 0.2723, 0.2730

Deuteranopia

29.2828, 0.3208, 0.3153



Tritanopia

28.9694, 0.4380, 0.3200

Trichromacy



Original Color

28.9916, 0.3964, 0.2705



Protanomaly

28.1046, 0.3112, 0.2694



Deuteranomaly

28.3656, 0.3473, 0.2955



Tritanomaly

28.8061, 0.4233, 0.3012

Monochromacy



Original Color

28.9916, 0.3964, 0.2705



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

28.2722, 0.3410, 0.3017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9916, 0.3964, 0.2705 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, 107, 158)` looks like.

```
.text, #text, p{  
    color:rgb(225, 107, 158)  
}
```

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, 107, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 107, 158) }
```

Border

The CSS property to change the border of an element to Yxy 28.9916, 0.3964, 0.2705 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, 107, 158) }
```

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

```
.border{ border-color:rgb(225, 107, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 107, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 107, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 107, 158); box-shadow:4px 4px 4px 4px rgb(225, 107, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9916, 0.3964, 0.2705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 107, 158) }
```

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

```
.background{ background-color: rgb(225,  
107, 158) }
```

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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