

Converting Colors

$Y_{xy}(27.2341, 0.4004, 0.2639)$

Have a look what the booklet for
Yxy(27.2341, 0.4004, 0.2639)
contains.

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Color

Yxy(27.1713, 0.4004, 0.2641)

Conversions

Conversions Part 1

Format	Color
Hex	E0639C
RGB	224, 99, 156
RGB Percent	88%, 39%, 61%
CMY	0.1217, 0.6116, 0.3883
CMYK	0.00, 0.56, 0.30, 0.12
HSL	333°, 67%, 63%
HSV	333°, 56%, 88%
XYZ	41.1942, 27.1713, 34.5171
YIQ	142.8730, 56.2030, 44.2270

Conversions

Conversions Part 2

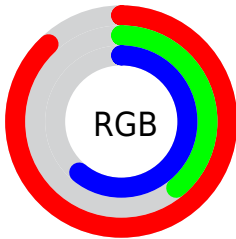
Format	Color
R _{YB}	224, 99, 156
Decimal	14705564
CIE Lab	59.13, 54.54, -6.83
CIE LCh	59, 54.966, 352.860
Yxy	27.1713, 0.4004, 0.2641
Android (android.graphics.Color)	4292895644 (0xFFE0639C)
YUV	142.8730, 6.4716, 71.1484
Hunter-Lab	52.1261, 49.8443, -2.7727

Details

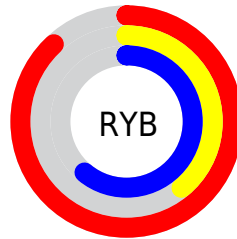
The Yxy color **27.1713, 0.4004, 0.2641** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **58.7396, 0.2704, 0.4097**, and the grayscale version is **27.3758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0243, 0.3570, 0.2716**, and **10.6752, 0.4294, 0.2426** is the 20% darker color. If you saturate the color by 10%, you get **23.1071, 0.4254, 0.2561**, and if you desaturate by 10%, it is **32.4563, 0.3782, 0.2746**.

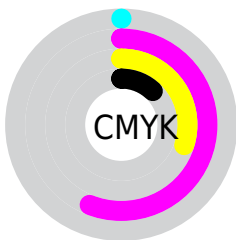
Distribution



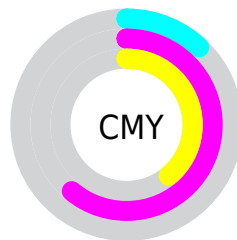
- Red (88%)
- Green (39%)
- Blue (61%)



- Red (88%)
- Yellow (39%)
- Blue (61%)



- Cyan (0%)
- Magenta (56%)
- Yellow (30%)
- Black (12%)





- Cyan (12%)
- Magenta (61%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1713, 0.4004, 0.2641 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 27.1713, 0.4004, 0.2641 by changing the saturation by 10% instead.

 27.1713, 0.4004,
0.2641


 27.1713, 0.4004,
0.2641


288.4856, 0.3535,
0.2980


 17.7019, 0.4131,
0.2552


 55.1586, 0.3826,
0.2768


 10.7362, 0.4301,
0.2435


 74.4454, 0.3762,
0.2814

 5.8897, 0.4538,
0.2275


 97.7733, 0.3708,
0.2853

 2.7781, 0.4889,
0.2044

 125.5269, 0.3663,
0.2886

 1.0170, 0.5457,
0.1689

158.0906, 0.3624,
0.2915

 0.0000, 0.7778,
0.0000

195.8486, 0.3590,


 0.0000, 1.0000,


0.2940


0.0000

239.1855, 0.3561,
0.2961

 0.0000, 0.0000,
0.0000

 27.1713, 0.4004,
0.2641


 27.1713, 0.4004,
0.2641

 23.1071, 0.4254,
0.2561


 32.4563, 0.3782,
0.2746

 20.1584, 0.4523,
0.2519


 39.0476, 0.3591,
0.2864

 18.2089, 0.4800,
0.2526


 47.0277, 0.3429,
0.2987


 17.1136, 0.5066,
0.2588


 56.4712, 0.3294,
0.3109


 16.8031, 0.5175,
0.2624

 67.4473, 0.3182,
0.3226

 80.0206, 0.3091,
0.3335

 93.7309, 0.3015,
0.3429

 94.4851, 0.2948,
0.3305

 94.5821, 0.2940,
0.3289

Harmonies

Analogous

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



27.1713, 0.3057, 0.2198



27.1713, 0.4004, 0.2641



27.1713, 0.4735, 0.3222

Triad

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



27.1713, 0.4004, 0.2641



27.1713, 0.3834, 0.4949



27.1713, 0.1599, 0.2327

Complementary

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



27.1713, 0.4004, 0.2641



58.7396, 0.2704, 0.4097

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.



27.1713, 0.1734, 0.3038



27.1713, 0.4004, 0.2641



27.1713, 0.2979, 0.4848

Square

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



27.1713, 0.4004, 0.2641



27.1713, 0.4552, 0.4498



27.1713, 0.2211, 0.4045



27.1713, 0.1777, 0.1994

Rectangle

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



27.1713, 0.4004, 0.2641



27.1713, 0.4926, 0.3645



27.1713, 0.2211, 0.4045



27.1713, 0.1608, 0.2520

Sweetspot

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



27.1727, 0.4004, 0.2641



73.9648, 0.3311, 0.3093



22.3821, 0.2602, 0.1735



15.2596, 0.3337, 0.3068



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.



27.1727, 0.4004, 0.2641



30.2334, 0.4298, 0.2551



26.4845, 0.4775, 0.3341



13.8039, 0.3221, 0.3184



9.8064, 0.5138, 0.2604



0.6976, 0.4765, 0.2399

Inverse Universe

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



27.1727, 0.4004, 0.2641



30.2334, 0.4298, 0.2551



59.1180, 0.2414, 0.3233



13.8039, 0.3221, 0.3184



9.8064, 0.5138, 0.2604



0.6976, 0.4765, 0.2399

Previews

White Background



This preview shows how the Yxy color 27.1713, 0.4004, 0.2641 looks on a white background.

Color Contrast Check

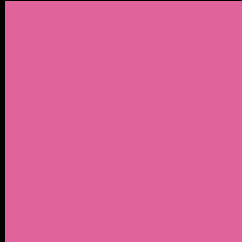
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1713, 0.4004, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

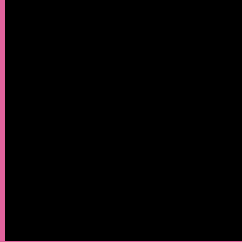
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1713, 0.4004, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 27.1713, 0.4004, 0.2641.



This preview shows how white text looks on a background with the Yxy color 27.1713, 0.4004, 0.2641.

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

27.1713, 0.4004, 0.2641

Protanopia

27.4160, 0.2655, 0.2629

Deuteranopia

27.4396, 0.3168, 0.3118



Tritanopia

27.1786, 0.4488, 0.3212

Trichromacy



Original Color

27.1713, 0.4004, 0.2641



Protanomaly

25.9770, 0.3061, 0.2597



Deuteranomaly

26.2660, 0.3464, 0.2891



Tritanomaly

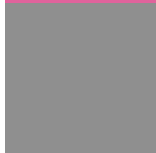
27.0870, 0.4309, 0.3000

Monochromacy



Original Color

27.1713, 0.4004, 0.2641



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

26.0875, 0.3422, 0.2981

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1713, 0.4004, 0.2641 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(224, 99, 156)` looks like.

```
.text, #text, p{  
    color:rgb(224, 99, 156)  
}
```

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(224, 99, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 99, 156) }
```

Border

The CSS property to change the border of an element to Yxy 27.1713, 0.4004, 0.2641 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(224, 99, 156) }
```

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

```
.border{ border-color:rgb(224, 99, 156) }
```

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

Here you see how a box with a 4 pixel rgb(224, 99, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 99, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 99, 156);  
box-shadow:4px 4px 4px 4px rgb(224, 99,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1713, 0.4004, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 99, 156) }
```

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

```
.background{ background-color: rgb(224, 99,  
156) }
```

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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