

Converting Colors

$Y_{xy}(27.5944, 0.4027, 0.2839)$

Have a look what the booklet for
Yxy(27.5944, 0.4027, 0.2839)
contains.

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Color

Yxy(27.5522, 0.4031, 0.2836)

Conversions

Conversions Part 1

Format	Color
Hex	D96C92
RGB	217, 108, 146
RGB Percent	85%, 42%, 57%
CMY	0.1491, 0.5764, 0.4275
CMYK	0.00, 0.50, 0.33, 0.15
HSL	339°, 59%, 64%
HSV	339°, 50%, 85%
XYZ	39.1618, 27.5522, 30.4376
YIQ	144.9230, 52.7660, 34.9260

Conversions

Conversions Part 2

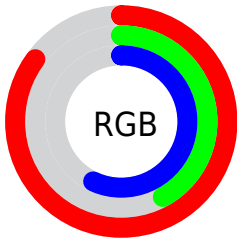
Format	Color
R_{YB}	217, 108, 146
Decimal	14249106
CIE _{Lab}	59.48, 46.71, -0.63
CIE _{LCh}	59, 46.710, 359.227
Yxy	27.5522, 0.4031, 0.2836
Android (android.graphics.Color)	4292439186 (0xFFD96C92)
YUV	144.9230, 0.5310, 63.2115
Hunter-Lab	52.4902, 41.3172, 2.3625

Details

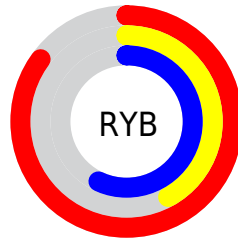
The Yxy color **27.5522, 0.4031, 0.2836** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **56.0647, 0.2669, 0.3824**, and the grayscale version is **28.2657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2708, 0.3649, 0.2897**, and **10.9478, 0.4339, 0.2672** is the 20% darker color. If you saturate the color by 10%, you get **23.1181, 0.4322, 0.2766**, and if you desaturate by 10%, it is **33.1823, 0.3779, 0.2922**.

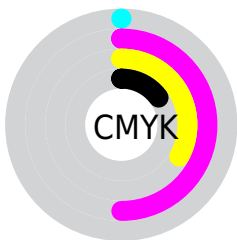
Distribution



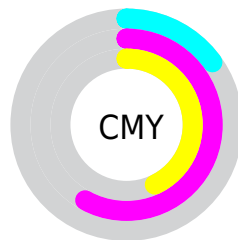
- Red (85%)
- Green (42%)
- Blue (57%)



- Red (85%)
- Yellow (42%)
- Blue (57%)



- Cyan (0%)
- Magenta (50%)
- Yellow (33%)
- Black (15%)





- Cyan (15%)
- Magenta (58%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5522, 0.4031, 0.2836 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 27.5522, 0.4031, 0.2836 by changing the saturation by 10% instead.


 27.5522, 0.4031,
0.2836


 27.5522, 0.4031,
0.2836


290.3209, 0.3542,
0.3081

 17.9884, 0.4166,
0.2769


 55.7687, 0.3844,
0.2930


 10.9416, 0.4347,
0.2678


 75.1902, 0.3777,
0.2963

 6.0276, 0.4604,
0.2551


 98.6663, 0.3721,
0.2991

 2.8619, 0.4990,
0.2360

 126.5815, 0.3674,
0.3015

 1.0601, 0.5629,
0.2046

159.3202, 0.3634,
0.3035

 0.0000, 1.0000,
0.0000

197.2667, 0.3599,

 0.0000, 0.0000,

0.3052

0.0000

240.8055, 0.3569,
0.3068

■ 27.5522, 0.4031,
0.2836

■ 27.5522, 0.4031,
0.2836

■ 23.1181, 0.4322,
0.2766

■ 33.1823, 0.3779,
0.2922

■ 19.7879, 0.4646,
0.2725

■ 40.0835, 0.3567,
0.3016

■ 17.4624, 0.4986,
0.2725


■ 48.3294, 0.3392,
0.3110

■ 16.0227, 0.5317,
0.2775


■ 57.9868, 0.3247,
0.3202

■ 15.2658, 0.5610,
0.2864

■ 69.1180, 0.3129,
0.3288

 81.7818, 0.3033,
0.3368

 92.8600, 0.2954,
0.3392

 93.4898, 0.2900,
0.3289

Harmonies

Analogous

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



27.5522, 0.3244, 0.2408



27.5522, 0.4031, 0.2836



27.5522, 0.4567, 0.3372

Triad

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



27.5522, 0.4031, 0.2836



27.5522, 0.3610, 0.4724



27.5522, 0.1802, 0.2384

Complementary

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



27.5522, 0.4031, 0.2836



56.0647, 0.2669, 0.3824

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.



27.5522, 0.1869, 0.2938



27.5522, 0.4031, 0.2836



27.5522, 0.2868, 0.4479

Square

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



27.5522, 0.4031, 0.2836



27.5522, 0.4262, 0.4458



27.5522, 0.2236, 0.3745



27.5522, 0.2020, 0.2138

Rectangle

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



27.5522, 0.4031, 0.2836



27.5522, 0.4668, 0.3754



27.5522, 0.2236, 0.3745



27.5522, 0.1792, 0.2533

Sweetspot

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



27.5536, 0.4031, 0.2836



76.4742, 0.3315, 0.3157



25.3040, 0.2796, 0.1941



15.7442, 0.3346, 0.3138



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.



27.5536, 0.4031, 0.2836



33.1391, 0.4332, 0.2765



30.3398, 0.4437, 0.3490



13.1260, 0.3237, 0.3209



9.2604, 0.5572, 0.2843



0.6159, 0.5116, 0.2592

Inverse Universe

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



27.5536, 0.4031, 0.2836



33.1391, 0.4332, 0.2765



49.8053, 0.2432, 0.3065



13.1260, 0.3237, 0.3209



9.2604, 0.5572, 0.2843



0.6159, 0.5116, 0.2592

Previews

White Background



This preview shows how the Yxy color 27.5522, 0.4031, 0.2836 looks on a white background.

Color Contrast Check

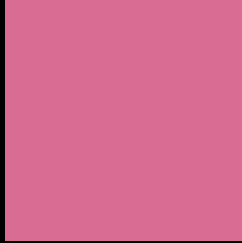
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5522, 0.4031, 0.2836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

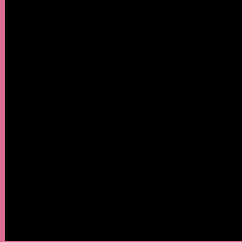
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5522, 0.4031, 0.2836

Background



This preview shows how black text looks on a background with the Yxy color 27.5522, 0.4031, 0.2836.



This preview shows how white text looks on a background with the Yxy color 27.5522, 0.4031, 0.2836.

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

27.5522, 0.4031, 0.2836

Protanopia

27.9239, 0.2863, 0.2913

Deuteranopia

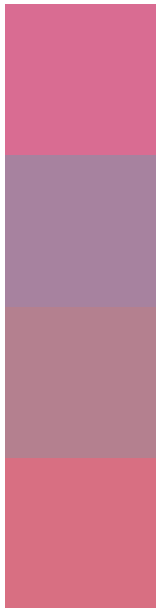
27.7593, 0.3328, 0.3260



Tritanopia

27.6378, 0.4323, 0.3196

Trichromacy



Original Color

27.5522, 0.4031, 0.2836

Protanomaly

26.6840, 0.3237, 0.2862

Deuteranomaly

27.1248, 0.3572, 0.3076

Tritanomaly

27.5795, 0.4223, 0.3063

Monochromacy



Original Color

27.5522, 0.4031, 0.2836

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.2048, 0.3434, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5522, 0.4031, 0.2836 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(217, 108, 146)` looks like.

```
.text, #text, p{  
    color:rgb(217, 108, 146)  
}
```

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(217, 108, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 108, 146) }
```

Border

The CSS property to change the border of an element to Yxy 27.5522, 0.4031, 0.2836 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(217, 108, 146) }
```

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

```
.border{ border-color:rgb(217, 108, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 108, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 108, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 108, 146);  
box-shadow:4px 4px 4px 4px rgb(217, 108,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5522, 0.4031, 0.2836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 108, 146) }
```

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

```
.background{ background-color: rgb(217,  
108, 146) }
```

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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