

Converting Colors

$Y_{xy}(28.4952, 0.3688, 0.2540)$

Have a look what the booklet for
Yxy(28.4952, 0.3688, 0.2540)
contains.

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Color

Yxy(28.4554, 0.3691, 0.2536)

Conversions

Conversions Part 1

Format	Color
Hex	D96CAC
RGB	217, 108, 172
RGB Percent	85%, 42%, 67%
CMY	0.1492, 0.5763, 0.3255
CMYK	0.00, 0.50, 0.21, 0.15
HSL	325°, 59%, 64%
HSV	325°, 50%, 85%
XYZ	41.4152, 28.4554, 42.3353
YIQ	147.8870, 44.4200, 43.0120

Conversions

Conversions Part 2

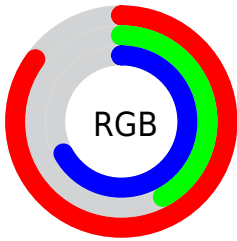
Format	Color
R _Y B	217, 108, 172
Decimal	14249132
CIE Lab	60.30, 50.19, -14.43
CIE LCh	60, 52.224, 343.964
Yxy	28.4554, 0.3691, 0.2536
Android (android.graphics.Color)	4292439212 (0xFFD96CAC)
YUV	147.8870, 11.8877, 60.6121
Hunter-Lab	53.3436, 45.2334, -9.7140

Details

The Yxy color **28.4554, 0.3691, 0.2536** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **55.0967, 0.2812, 0.4216**, and the grayscale version is **29.5037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0004, 0.3401, 0.2643**, and **11.4680, 0.3869, 0.2310** is the 20% darker color. If you saturate the color by 10%, you get **24.1014, 0.3859, 0.2411**, and if you desaturate by 10%, it is **33.9740, 0.3542, 0.2681**.

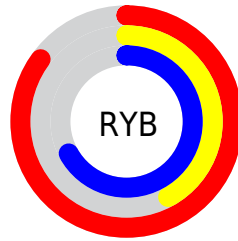
Distribution



Red (85%)

Green (42%)

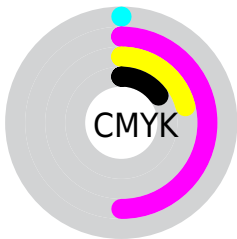
Blue (67%)



Red (85%)

Yellow (42%)

Blue (67%)

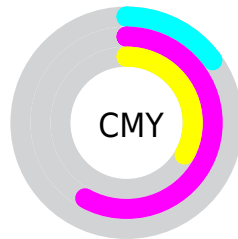


Cyan (0%)

Magenta (50%)

Yellow (21%)

Black (15%)



Cyan (15%)

Magenta (58%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4554, 0.3691, 0.2536 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 28.4554, 0.3691, 0.2536 by changing the saturation by 10% instead.


 28.4554, 0.3691,
0.2536


 28.4554, 0.3691,
0.2536


294.6366, 0.3399,
0.2919

 18.6692, 0.3767,
0.2439


 57.2107, 0.3582,
0.2676


 11.4315, 0.3867,
0.2314


 76.9486, 0.3542,
0.2728

 6.3579, 0.4002,
0.2148


 100.7725, 0.3509,
0.2773

 3.0639, 0.4196,
0.1916

 129.0669, 0.3480,
0.2810

 1.1652, 0.4497,
0.1575

162.2161, 0.3456,
0.2843

 0.0330, 0.5516,
0.0137

200.6046, 0.3434,

 0.0000, 1.0000,

0.2871


0.0000

244.6166, 0.3415,
0.2897

 0.0000, 0.0000,
0.0000

 28.4554, 0.3691,
0.2536


 28.4554, 0.3691,
0.2536


 24.1014, 0.3859,
0.2411


 33.9740, 0.3542,
0.2681


 20.8214, 0.4042,
0.2317


 40.7307, 0.3412,
0.2835


 18.5179, 0.4234,
0.2267

 48.7979, 0.3301,
0.2990

 17.0738, 0.4427,
0.2267

 58.2409, 0.3207,
0.3142

 16.2885, 0.4611,
0.2314

 69.1209, 0.3129,
0.3287

 81.4954, 0.3063,
0.3423

 92.2463, 0.3009,
0.3500

 92.7763, 0.2961,
0.3406

 93.3327, 0.2912,
0.3314

Harmonies

Analogous

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



28.4554, 0.2818, 0.2167



28.4554, 0.3691, 0.2536



28.4554, 0.4474, 0.3062

Triad

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



28.4554, 0.3691, 0.2536



28.4554, 0.4029, 0.4766



28.4554, 0.1685, 0.2551

Complementary

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



28.4554, 0.3691, 0.2536



55.0967, 0.2812, 0.4216

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.



28.4554, 0.1913, 0.3324



28.4554, 0.3691, 0.2536



28.4554, 0.3240, 0.4840

Square

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



28.4554, 0.3691, 0.2536



28.4554, 0.4623, 0.4276



28.4554, 0.2464, 0.4261



28.4554, 0.1767, 0.2127

Rectangle

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



28.4554, 0.3691, 0.2536



28.4554, 0.4766, 0.3459



28.4554, 0.2464, 0.4261



28.4554, 0.1725, 0.2772

Sweetspot

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



28.4568, 0.3691, 0.2536



77.0013, 0.3251, 0.3068



22.3778, 0.2533, 0.1842



15.8708, 0.3271, 0.3035



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.



28.4568, 0.3691, 0.2536



34.5612, 0.3865, 0.2407



26.8087, 0.4401, 0.3164



13.1792, 0.3200, 0.3154



9.8855, 0.4585, 0.2300



0.6574, 0.4301, 0.2143

Inverse Universe

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



28.4568, 0.3691, 0.2536



34.5612, 0.3865, 0.2407



57.2563, 0.2528, 0.3435



13.1792, 0.3200, 0.3154



9.8855, 0.4585, 0.2300



0.6574, 0.4301, 0.2143

Previews

White Background



This preview shows how the Yxy color 28.4554, 0.3691, 0.2536 looks on a white background.

Color Contrast Check

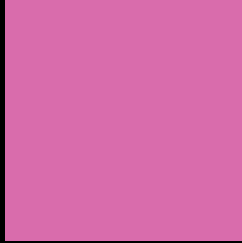
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4554, 0.3691, 0.2536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

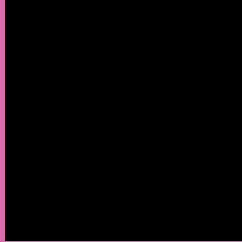
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4554, 0.3691, 0.2536

Background



This preview shows how black text looks on a background with the Yxy color 28.4554, 0.3691, 0.2536.

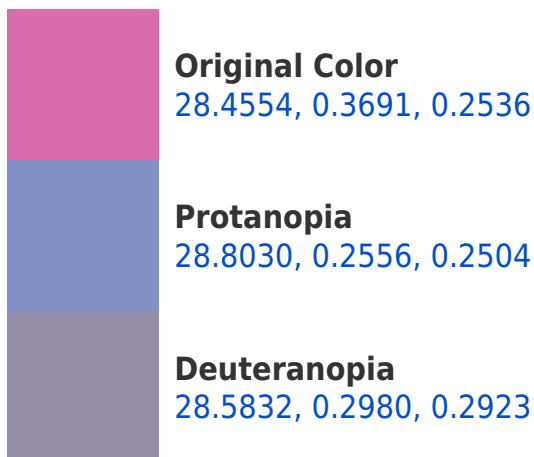


This preview shows how white text looks on a background with the Yxy color 28.4554, 0.3691, 0.2536.

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

28.4603, 0.4196, 0.3194

Trichromacy



Original Color

28.4554, 0.3691, 0.2536



Protanomaly

27.5448, 0.2895, 0.2485



Deuteranomaly

27.7911, 0.3219, 0.2752



Tritanomaly

28.3139, 0.4014, 0.2936

Monochromacy



Original Color

28.4554, 0.3691, 0.2536



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

28.0936, 0.3322, 0.2943

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4554, 0.3691, 0.2536 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(217, 108, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 108, 172) }
```

Border

The CSS property to change the border of an element to Yxy 28.4554, 0.3691, 0.2536 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, 172) }
```

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

```
.border{ border-color:rgb(217, 108, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 108, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 108, 172);  
box-shadow:4px 4px 4px 4px rgb(217, 108,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4554, 0.3691, 0.2536 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, 172) }
```

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

```
.background{ background-color: rgb(217,  
108, 172) }
```

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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