

Converting Colors

$Y_{xy}(28.2476, 0.3538, 0.2407)$

Have a look what the booklet for
Yxy(28.2476, 0.3538, 0.2407)
contains.

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Color

Yxy(28.1889, 0.3537, 0.2407)

Conversions

Conversions Part 1

Format	Color
Hex	D66BB6
RGB	214, 107, 182
RGB Percent	84%, 42%, 71%
CMY	0.1609, 0.5802, 0.2864
CMYK	0.00, 0.50, 0.15, 0.16
HSL	318°, 57%, 63%
HSV	318°, 50%, 84%
XYZ	41.4226, 28.1889, 47.5007
YIQ	147.5430, 39.6970, 46.0090

Conversions

Conversions Part 2

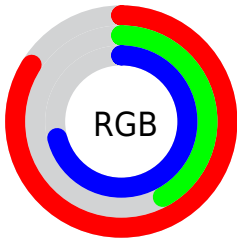
Format	Color
RYB	214, 107, 182
Decimal	14052278
CIELab	60.06, 51.24, -20.55
CIELCh	60, 55.211, 338.149
Yxy	28.1889, 0.3537, 0.2407
Android (android.graphics.Color)	4292242358 (0xFFD66BB6)
YUV	147.5430, 16.9873, 58.2828
Hunter-Lab	53.0932, 46.3500, -15.8795

Details

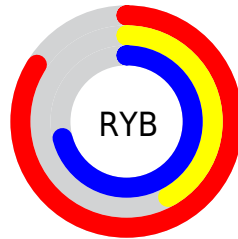
The Yxy color **28.1889, 0.3537, 0.2407** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **53.0674, 0.2881, 0.4397**, and the grayscale version is **29.3332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2737, 0.3308, 0.2532**, and **11.2993, 0.3654, 0.2157** is the 20% darker color. If you saturate the color by 10%, you get **24.0068, 0.3653, 0.2259**, and if you desaturate by 10%, it is **33.4895, 0.3432, 0.2576**.

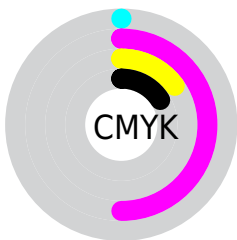
Distribution



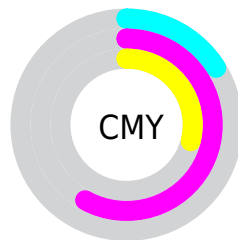
- Red (84%)
- Green (42%)
- Blue (71%)



- Red (84%)
- Yellow (42%)
- Blue (71%)



- Cyan (0%)
- Magenta (50%)
- Yellow (15%)
- Black (16%)





- Cyan (16%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1889, 0.3537, 0.2407 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 28.1889, 0.3537, 0.2407 by changing the saturation by 10% instead.


 28.1889, 0.3537,
0.2407


 28.1889, 0.3537,
0.2407


293.3685, 0.3332,
0.2849


 18.4681, 0.3588,
0.2298


 56.7859, 0.3463,
0.2567


 11.2866, 0.3652,
0.2158


 76.4309, 0.3435,
0.2627

 6.2599, 0.3737,
0.1975


 100.1527, 0.3411,
0.2679

 3.0038, 0.3853,
0.1724

 128.3358, 0.3391,
0.2722

 1.1337, 0.4018,
0.1369

161.3645, 0.3373,
0.2760

 0.0065, 0.4642,
0.0023

199.6233, 0.3358,

 0.0000, 0.4623,

0.2794

0.0000

243.4964, 0.3344,
0.2823

0.0000, 0.0000,
0.0000

28.1889, 0.3537,
0.2407

28.1889, 0.3537,
0.2407

24.0068, 0.3653,
0.2259

33.4895, 0.3432,
0.2576

20.8562, 0.3776,
0.2143

39.9792, 0.3338,
0.2756

18.6436, 0.3903,
0.2069

47.7275, 0.3257,
0.2939


17.2567, 0.4030,
0.2044

56.7973, 0.3187,
0.3118


16.4929, 0.4153,
0.2062

67.2474, 0.3127,
0.3290

 16.4912, 0.4154,
0.2062

 79.1329, 0.3077,
0.3453

 91.3446, 0.3035,
0.3586

 91.7042, 0.3000,
0.3517

 92.0771, 0.2965,
0.3449

Harmonies

Analogous

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



28.1889, 0.2639, 0.2063



28.1889, 0.3537, 0.2407



28.1889, 0.4420, 0.2928

Triad

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



28.1889, 0.3537, 0.2407



28.1889, 0.4210, 0.4762



28.1889, 0.1634, 0.2632

Complementary

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



28.1889, 0.3537, 0.2407



53.0674, 0.2881, 0.4397

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.



28.1889, 0.1933, 0.3514



28.1889, 0.3537, 0.2407



28.1889, 0.3402, 0.4976

Square

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



28.1889, 0.3537, 0.2407



28.1889, 0.4779, 0.4190



28.1889, 0.2567, 0.4497



28.1889, 0.1661, 0.2122

Rectangle

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



28.1889, 0.3537, 0.2407



28.1889, 0.4799, 0.3333



28.1889, 0.2567, 0.4497



28.1889, 0.1695, 0.2889

Sweetspot

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



28.1902, 0.3537, 0.2407



77.2617, 0.3221, 0.3026



20.7229, 0.2422, 0.1808



15.9338, 0.3237, 0.2988



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.



28.1902, 0.3537, 0.2407



35.3776, 0.3660, 0.2251



26.4310, 0.4217, 0.3010



12.5665, 0.3183, 0.3128



9.9909, 0.4136, 0.2052



0.6169, 0.3939, 0.1943

Inverse Universe

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



28.1902, 0.3537, 0.2407



35.3776, 0.3660, 0.2251



54.9552, 0.2595, 0.3612



12.5665, 0.3183, 0.3128



9.9909, 0.4136, 0.2052



0.6169, 0.3939, 0.1943

Previews

White Background



This preview shows how the Yxy color 28.1889, 0.3537, 0.2407 looks on a white background.

Color Contrast Check

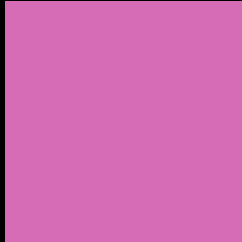
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1889, 0.3537, 0.2407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

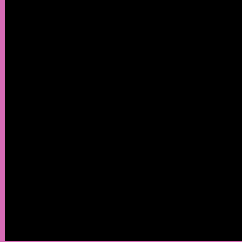
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1889, 0.3537, 0.2407

Background



This preview shows how black text looks on a background with the Yxy color 28.1889, 0.3537, 0.2407.



This preview shows how white text looks on a background with the Yxy color 28.1889, 0.3537, 0.2407.

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

28.1889, 0.3537, 0.2407

Protanopia

28.5335, 0.2421, 0.2330

Deuteranopia

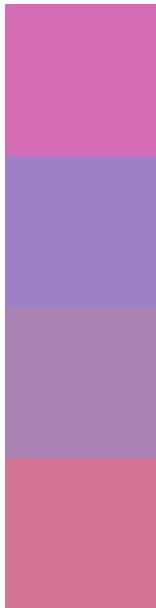
28.4099, 0.2832, 0.2773



Tritanopia

28.1621, 0.4120, 0.3179

Trichromacy



Original Color

28.1889, 0.3537, 0.2407

Protanomaly

27.2569, 0.2751, 0.2329

Deuteranomaly

27.3499, 0.3063, 0.2597

Tritanomaly

28.1012, 0.3899, 0.2879

Monochromacy



Original Color

28.1889, 0.3537, 0.2407

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.0838, 0.3278, 0.2900

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1889, 0.3537, 0.2407 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(214, 107, 182)` looks like.

```
.text, #text, p{  
    color:rgb(214, 107, 182)  
}
```

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(214, 107, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 107, 182) }
```

Border

The CSS property to change the border of an element to Yxy 28.1889, 0.3537, 0.2407 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(214, 107, 182) }
```

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

```
.border{ border-color:rgb(214, 107, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 107, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 107, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 107, 182);  
box-shadow:4px 4px 4px 4px rgb(214, 107,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1889, 0.3537, 0.2407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 107, 182) }
```

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

```
.background{ background-color: rgb(214,  
107, 182) }
```

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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