

Converting Colors

$Y_{xy}(21.7157, 0.3259, 0.1741)$

Have a look what the booklet for
Yxy(21.7157, 0.3259, 0.1741)
contains.

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Color

Yxy(21.7279, 0.3259, 0.1742)

Conversions

Conversions Part 1

Format	Color
Hex	D638D1
RGB	214, 56, 209
RGB Percent	84%, 22%, 82%
CMY	0.1608, 0.7802, 0.1805
CMYK	0.00, 0.74, 0.02, 0.16
HSL	302°, 66%, 53%
HSV	302°, 74%, 84%
XYZ	40.6494, 21.7279, 62.3523
YIQ	120.6840, 45.0550, 81.0790

Conversions

Conversions Part 2

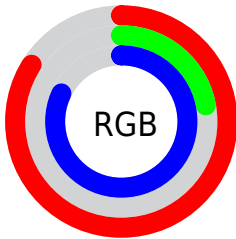
Format	Color
R_{YB}	214, 56, 209
Decimal	14039249
CIE Lab	53.74, 76.12, -45.85
CIE LCh	54, 88.861, 328.939
Yxy	21.7279, 0.3259, 0.1742
Android (android.graphics.Color)	4292229329 (0xFFD638D1)
YUV	120.6840, 43.5398, 81.8381
Hunter-Lab	46.6132, 74.0892, -46.6803

Details

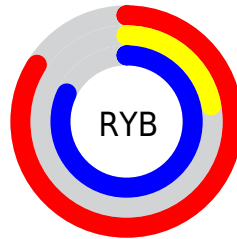
The Yxy color **21.7279, 0.3259, 0.1742** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **49.2690, 0.3003, 0.5578**, and the grayscale version is **18.8650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6737, 0.3187, 0.2016**, and **9.3017, 0.3225, 0.1550** is the 20% darker color. If you saturate the color by 10%, you get **20.0442, 0.3273, 0.1651**, and if you desaturate by 10%, it is **24.2998, 0.3243, 0.1876**.

Distribution



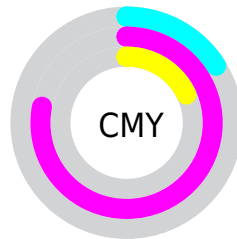
- Red (84%)
- Green (22%)
- Blue (82%)



- Red (84%)
- Yellow (22%)
- Blue (82%)



- Cyan (0%)
- Magenta (74%)
- Yellow (2%)
- Black (16%)




- Cyan (16%)
- Magenta (78%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.7279, 0.3259, 0.1742 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 21.7279, 0.3259, 0.1742 by changing the saturation by 10% instead.


 21.7279, 0.3259,
0.1742


 21.7279, 0.3259,
0.1742


261.1220, 0.3230,
0.2481


 13.6571, 0.3254,
0.1574


 46.2959, 0.3258,
0.2000


 7.8826, 0.3240,
0.1370


 63.5618, 0.3255,
0.2100


 4.0199, 0.3208,
0.1120


 84.6616, 0.3251,
0.2186

 1.6847, 0.3142,
0.0816

 109.9796, 0.3247,
0.2261

 0.4137, 0.3023,
0.0393

 139.9003, 0.3242,
0.2326

 0.0000, 0.2724,
0.0000

174.8080, 0.3238,

 0.0000, 0.1035,

0.2384

0.0000

215.0871, 0.3234,
0.2435

■ 0.0000, 0.0000,
0.0000

■ 21.7279, 0.3259,
0.1742

■ 21.7279, 0.3259,
0.1742

■ 20.0442, 0.3273,
0.1651

■ 24.2998, 0.3243,
0.1876

■ 19.1238, 0.3285,
0.1602

■ 27.8572, 0.3225,
0.2049

■ 18.8092, 0.3291,
0.1587

■ 32.4883, 0.3206,
0.2253

■ 38.2703, 0.3187,
0.2480

■ 45.2736, 0.3168,
0.2719

■ 53.5629, 0.3150,
0.2962

■ 63.1983, 0.3133,
0.3201

■ 74.2361, 0.3118,
0.3431

■ 86.7295, 0.3103,
0.3649

Harmonies

Analogous

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



21.7279, 0.1949, 0.1373



21.7279, 0.3259, 0.1742



21.7279, 0.4920, 0.2380

Triad

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



21.7279, 0.3259, 0.1742



21.7279, 0.4884, 0.5055



21.7279, 0.0942, 0.2432

Complementary

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



21.7279, 0.3259, 0.1742



49.2690, 0.3003, 0.5578

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.



21.7279, 0.1398, 0.4207



21.7279, 0.3259, 0.1742



21.7279, 0.3634, 0.6075

Square

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



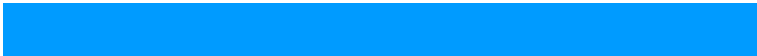
21.7279, 0.3259, 0.1742



21.7279, 0.5800, 0.3986



21.7279, 0.2394, 0.6047



21.7279, 0.0915, 0.1582

Rectangle

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



21.7279, 0.3259, 0.1742



21.7279, 0.5740, 0.2882



21.7279, 0.2394, 0.6047



21.7279, 0.1036, 0.2915

Sweetspot

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



21.7289, 0.3259, 0.1742



69.1664, 0.3165, 0.2757



8.6064, 0.1735, 0.0973



14.1362, 0.3171, 0.2691



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.



21.7289, 0.3259, 0.1742



28.8566, 0.3280, 0.1616



18.8035, 0.4388, 0.2475



12.6256, 0.3143, 0.3067



11.3729, 0.3290, 0.1586



0.6881, 0.3275, 0.1578

Inverse Universe

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



21.7289, 0.3259, 0.1742



28.8566, 0.3280, 0.1616



50.7562, 0.2673, 0.4487



12.6256, 0.3143, 0.3067



11.3729, 0.3290, 0.1586



0.6881, 0.3275, 0.1578

Previews

White Background



This preview shows how the Yxy color 21.7279, 0.3259, 0.1742 looks on a white background.

Color Contrast Check

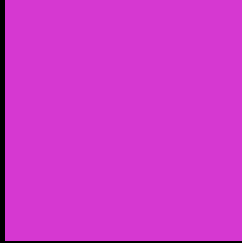
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7279, 0.3259, 0.1742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

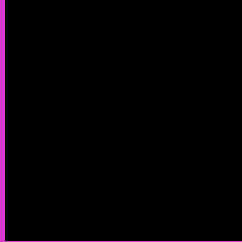
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.7279, 0.3259, 0.1742

Background



This preview shows how black text looks on a background with the Yxy color 21.7279, 0.3259, 0.1742.



This preview shows how white text looks on a background with the Yxy color 21.7279, 0.3259, 0.1742.

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

21.7279, 0.3259, 0.1742

Protanopia

22.4227, 0.1805, 0.1532

Deuteranopia

22.1574, 0.2236, 0.2187



Tritanopia

21.6806, 0.4573, 0.3219

Trichromacy



Original Color

21.7279, 0.3259, 0.1742



Protanomaly

18.3516, 0.2036, 0.1441



Deuteranomaly

19.1703, 0.2507, 0.1856



Tritanomaly

20.9001, 0.4084, 0.2576

Monochromacy



Original Color

21.7279, 0.3259, 0.1742



Achromatopsia

19.1202, 0.3127, 0.3290



Achromatomaly

17.8179, 0.3195, 0.2418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.7279, 0.3259, 0.1742 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, 56, 209)` looks like.

```
.text, #text, p{  
    color:rgb(214, 56, 209)  
}
```

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, 56, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 56, 209) }
```

Border

The CSS property to change the border of an element to Yxy 21.7279, 0.3259, 0.1742 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, 56, 209) }
```

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

```
.border{ border-color:rgb(214, 56, 209) }
```

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

Here you see how a box with a 4 pixel rgb(214, 56, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 56, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 56, 209);  
box-shadow:4px 4px 4px 4px rgb(214, 56,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 21.7279, 0.3259, 0.1742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 56, 209) }
```

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

```
.background{ background-color: rgb(214, 56,  
209) }
```

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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