

Converting Colors

Yxy(21.7823, 0.4009, 0.2498)

Have a look what the booklet for
Yxy(21.7823, 0.4009, 0.2498)
contains.

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Color

Yxy(21.7246, 0.4009, 0.2498)

Conversions

Conversions Part 1

Format	Color
Hex	D25194
RGB	210, 81, 148
RGB Percent	82%, 32%, 58%
CMY	0.1765, 0.6823, 0.4196
CMYK	0.00, 0.61, 0.30, 0.18
HSL	329°, 59%, 57%
HSV	329°, 61%, 82%
XYZ	34.8655, 21.7246, 30.3779
YIQ	127.2090, 55.3770, 48.1850

Conversions

Conversions Part 2

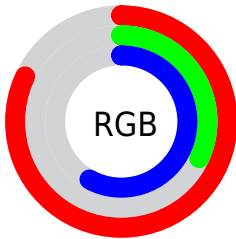
Format	Color
R _Y B	210, 81, 148
Decimal	13783444
CIE Lab	53.73, 57.35, -10.46
CIE LCh	54, 58.292, 349.667
Yxy	21.7246, 0.4009, 0.2498
Android (android.graphics.Color)	4291973524 (0xFFD25194)
YUV	127.2090, 10.2500, 72.6077
Hunter-Lab	46.6097, 51.9566, -6.0156

Details

The Yxy color **21.7246, 0.4009, 0.2498** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **49.8227, 0.2726, 0.4326**, and the grayscale version is **21.2505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4156, 0.3681, 0.2626**, and **7.9090, 0.4340, 0.2245** is the 20% darker color. If you saturate the color by 10%, you get **18.7664, 0.4232, 0.2423**, and if you desaturate by 10%, it is **25.6777, 0.3806, 0.2605**.

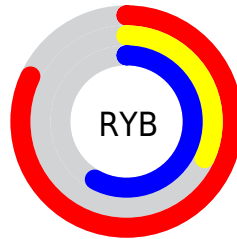
Distribution



Red (82%)

Green (32%)

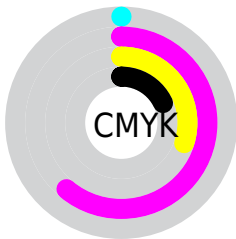
Blue (58%)



Red (82%)

Yellow (32%)

Blue (58%)

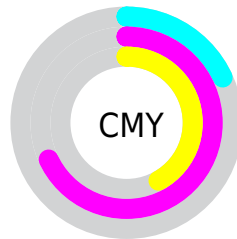


Cyan (0%)

Magenta (61%)

Yellow (30%)

Black (18%)



Cyan (18%)


Magenta (68%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.7246, 0.4009, 0.2498 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 21.7246, 0.4009, 0.2498 by changing the saturation by 10% instead.


 21.7246, 0.4009,
0.2498


 21.7246, 0.4009,
0.2498


261.1047, 0.3527,
0.2919


 13.6547, 0.4144,
0.2385


 46.2904, 0.3823,
0.2657


 7.8809, 0.4327,
0.2236


 63.5551, 0.3757,
0.2715


 4.0188, 0.4587,
0.2029

 84.6534, 0.3702,
0.2763

 1.6841, 0.4985,
0.1729

 109.9699, 0.3656,
0.2804

 0.4133, 0.5768,
0.1086

 139.8889, 0.3616,
0.2839

 0.0000, 1.0000,
0.0000

174.7947, 0.3582,

 0.0000, 0.0000,

0.2869

0.0000

215.0719, 0.3553,
0.2896

■ 21.7246, 0.4009,
0.2498

■ 21.7246, 0.4009,
0.2498

■ 18.7664, 0.4232,
0.2423

■ 25.6777, 0.3806,
0.2605

■ 16.7066, 0.4466,
0.2392

■ 30.7034, 0.3626,
0.2732

■ 15.4356, 0.4700,
0.2414

■ 36.8758, 0.3471,
0.2869

■ 14.8067, 0.4894,
0.2470

■ 44.2611, 0.3340,
0.3008

■ 52.9206, 0.3230,
0.3143

■ 62.9114, 0.3139,
0.3272

■ 74.2871, 0.3063,
0.3393

■ 87.0983, 0.3001,
0.3505

■ 91.4427, 0.2946,
0.3458

Harmonies

Analogous

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



21.7246, 0.2930, 0.2038



21.7246, 0.4009, 0.2498



21.7246, 0.4897, 0.3115

Triad

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



21.7246, 0.4009, 0.2498



21.7246, 0.3979, 0.5126



21.7246, 0.1434, 0.2256

Complementary

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



21.7246, 0.4009, 0.2498



49.8227, 0.2726, 0.4326

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.



21.7246, 0.1606, 0.3093



21.7246, 0.4009, 0.2498



21.7246, 0.3032, 0.5155

Square

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



21.7246, 0.4009, 0.2498



21.7246, 0.4768, 0.4527



21.7246, 0.2159, 0.4287



21.7246, 0.1594, 0.1865

Rectangle

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



21.7246, 0.4009, 0.2498



21.7246, 0.5151, 0.3570



21.7246, 0.2159, 0.4287



21.7246, 0.1452, 0.2481

Sweetspot

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



21.7257, 0.4009, 0.2498



72.7900, 0.3302, 0.3052



16.2198, 0.2448, 0.1551



14.7751, 0.3337, 0.3012



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.



21.7257, 0.4009, 0.2498



27.8836, 0.4311, 0.2407



20.2480, 0.5000, 0.3248



11.9093, 0.3210, 0.3170



9.0529, 0.4863, 0.2453



0.5222, 0.4478, 0.2241

Inverse Universe

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



21.7257, 0.4009, 0.2498



27.8836, 0.4311, 0.2407



52.2812, 0.2405, 0.3348



11.9093, 0.3210, 0.3170



9.0529, 0.4863, 0.2453



0.5222, 0.4478, 0.2241

Previews

White Background



This preview shows how the Yxy color 21.7246, 0.4009, 0.2498 looks on a white background.

Color Contrast Check

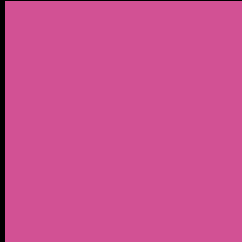
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7246, 0.4009, 0.2498 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 21.7246, 0.4009, 0.2498

Background



This preview shows how black text looks on a background with the Yxy color 21.7246, 0.4009, 0.2498.



This preview shows how white text looks on a background with the Yxy color 21.7246, 0.4009, 0.2498.

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

21.7246, 0.4009, 0.2498

Protanopia

21.9847, 0.2492, 0.2420

Deuteranopia

21.8246, 0.3081, 0.3016



Tritanopia

21.6770, 0.4669, 0.3210

Trichromacy



Original Color

21.7246, 0.4009, 0.2498



Protanomaly

20.2749, 0.2932, 0.2391



Deuteranomaly

20.7374, 0.3397, 0.2751



Tritanomaly

21.5292, 0.4428, 0.2940

Monochromacy



Original Color

21.7246, 0.4009, 0.2498



Achromatopsia

21.2231, 0.3127, 0.3290



Achromatomaly

20.0692, 0.3434, 0.2889

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.7246, 0.4009, 0.2498 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(210, 81, 148)` looks like.

```
.text, #text, p{  
    color:rgb(210, 81, 148)  
}
```

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(210, 81, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 81, 148) }
```

Border

The CSS property to change the border of an element to Yxy 21.7246, 0.4009, 0.2498 is called "border". The border property can be set on classes, ids or directly on the HTML element.

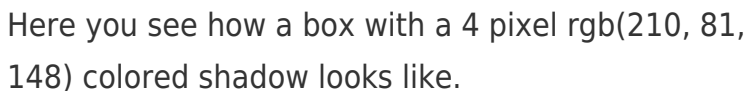
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 81, 148) }
```

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

```
.border{ border-color:rgb(210, 81, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 81, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 81, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 81, 148); box-shadow:4px 4px 4px 4px rgb(210, 81, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 21.7246, 0.4009, 0.2498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 81, 148) }
```

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

```
.background{ background-color: rgb(210, 81,  
148) }
```

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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