

Converting Colors

$Y_{xy}(24.8869, 0.3691, 0.2470)$

Have a look what the booklet for
Yxy(24.8869, 0.3691, 0.2470)
contains.

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Color

Yxy(24.8984, 0.3686, 0.2463)

Conversions

Conversions Part 1

Format	Color
Hex	D062A6
RGB	208, 98, 166
RGB Percent	82%, 38%, 65%
CMY	0.1844, 0.6156, 0.3489
CMYK	0.00, 0.53, 0.20, 0.18
HSL	323°, 54%, 60%
HSV	323°, 53%, 82%
XYZ	37.2617, 24.8984, 38.9297
YIQ	138.6420, 43.7320, 44.4680

Conversions

Conversions Part 2

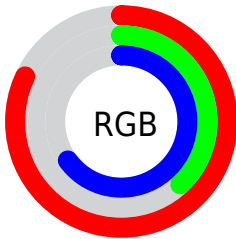
Format	Color
R_{YB}	208, 98, 166
Decimal	13656742
CIE _{Lab}	56.98, 51.39, -16.13
CIE _{LCh}	57, 53.860, 342.574
Yxy	24.8984, 0.3686, 0.2463
Android (android.graphics.Color)	4291846822 (0xFFD062A6)
YUV	138.6420, 13.4875, 60.8270
Hunter-Lab	49.8983, 45.9733, -11.3281

Details

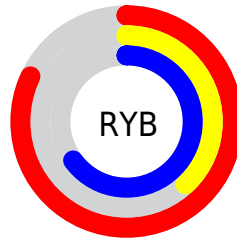
The Yxy color **24.8984, 0.3686, 0.2463** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **49.5949, 0.2821, 0.4328**, and the grayscale version is **25.6106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9369, 0.3469, 0.2591**, and **9.5220, 0.3869, 0.2211** is the 20% darker color. If you saturate the color by 10%, you get **21.2172, 0.3842, 0.2339**, and if you desaturate by 10%, it is **29.6110, 0.3545, 0.2610**.

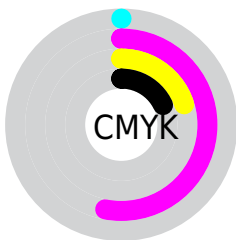
Distribution



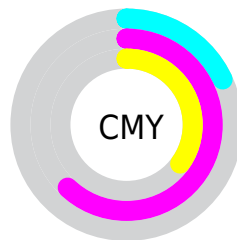
- Red (82%)
- Green (38%)
- Blue (65%)



- Red (82%)
- Yellow (38%)
- Blue (65%)



- Cyan (0%)
- Magenta (53%)
- Yellow (20%)
- Black (18%)





- Cyan (18%)
- Magenta (62%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8984, 0.3686, 0.2463 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 24.8984, 0.3686, 0.2463 by changing the saturation by 10% instead.


 24.8984, 0.3686,
0.2463


 24.8984, 0.3686,
0.2463


277.3316, 0.3393,
0.2889


 16.0014, 0.3763,
0.2354


 51.4924, 0.3576,
0.2620


 9.5251, 0.3865,
0.2212


 69.9581, 0.3536,
0.2678

 5.0853, 0.4005,
0.2021


 92.3821, 0.3503,
0.2727

 2.2974, 0.4207,
0.1754

 119.1490, 0.3474,
0.2769

 0.7723, 0.4526,
0.1351

150.6429, 0.3450,
0.2805

 0.0000, 0.5519,
0.0000

187.2484, 0.3428,

 0.0000, 0.0000,

0.2837

0.0000

229.3498, 0.3410,
0.2864

■ 24.8984, 0.3686,
0.2463

■ 24.8984, 0.3686,
0.2463

■ 21.2172, 0.3842,
0.2339

■ 29.6110, 0.3545,
0.2610

■ 18.4835, 0.4010,
0.2249

■ 35.4232, 0.3421,
0.2769

■ 16.6060, 0.4184,
0.2204

■ 42.4016, 0.3314,
0.2932

■ 15.4734, 0.4357,
0.2210

■ 50.6063, 0.3223,
0.3093

■ 14.9829, 0.4477,
0.2240

■ 60.0933, 0.3147,
0.3247

■ 70.9152, 0.3083,
0.3393

■ 83.1215, 0.3029,
0.3528

■ 90.6136, 0.2985,
0.3559

■ 91.0685, 0.2942,
0.3474

Harmonies

Analogous

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



24.8984, 0.2752, 0.2084



24.8984, 0.3686, 0.2463



24.8984, 0.4547, 0.3009

Triad

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



24.8984, 0.3686, 0.2463



24.8984, 0.4111, 0.4847



24.8984, 0.1598, 0.2519

Complementary

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



24.8984, 0.3686, 0.2463



49.5949, 0.2821, 0.4328

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.



24.8984, 0.1848, 0.3365



24.8984, 0.3686, 0.2463



24.8984, 0.3274, 0.4984

Square

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



24.8984, 0.3686, 0.2463



24.8984, 0.4740, 0.4292



24.8984, 0.2443, 0.4390



24.8984, 0.1672, 0.2060

Rectangle

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



24.8984, 0.3686, 0.2463



24.8984, 0.4877, 0.3424



24.8984, 0.2443, 0.4390



24.8984, 0.1643, 0.2759

Sweetspot

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



24.8996, 0.3686, 0.2463



75.7120, 0.3252, 0.3040



18.7231, 0.2459, 0.1751



15.6199, 0.3271, 0.3007



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.



24.8996, 0.3686, 0.2463



33.2095, 0.3856, 0.2329



23.3305, 0.4449, 0.3113



11.9294, 0.3195, 0.3147



9.3590, 0.4455, 0.2228



0.5385, 0.4167, 0.2069

Inverse Universe

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



24.8996, 0.3686, 0.2463



33.2095, 0.3856, 0.2329



51.5669, 0.2526, 0.3497



11.9294, 0.3195, 0.3147



9.3590, 0.4455, 0.2228



0.5385, 0.4167, 0.2069

Previews

White Background



This preview shows how the Yxy color 24.8984, 0.3686, 0.2463 looks on a white background.

Color Contrast Check

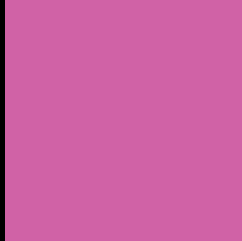
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8984, 0.3686, 0.2463 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 24.8984, 0.3686, 0.2463

Background



This preview shows how black text looks on a background with the Yxy color 24.8984, 0.3686, 0.2463.



This preview shows how white text looks on a background with the Yxy color 24.8984, 0.3686, 0.2463.

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

24.8984, 0.3686, 0.2463

Protanopia

25.1001, 0.2468, 0.2392

Deuteranopia

25.0772, 0.2921, 0.2871



Tritanopia

24.9181, 0.4264, 0.3190

Trichromacy



Original Color

24.8984, 0.3686, 0.2463



Protanomaly

23.9173, 0.2824, 0.2389



Deuteranomaly

24.1759, 0.3179, 0.2681



Tritanomaly

24.8316, 0.4055, 0.2910

Monochromacy



Original Color

24.8984, 0.3686, 0.2463



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.4777, 0.3322, 0.2910

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8984, 0.3686, 0.2463 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(208, 98, 166)` looks like.

```
.text, #text, p{  
    color:rgb(208, 98, 166)  
}
```

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(208, 98, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 98, 166) }
```

Border

The CSS property to change the border of an element to Yxy 24.8984, 0.3686, 0.2463 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(208, 98, 166) }
```

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

```
.border{ border-color:rgb(208, 98, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 98, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 98, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 98, 166);  
box-shadow:4px 4px 4px 4px rgb(208, 98,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8984, 0.3686, 0.2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 98, 166) }
```

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

```
.background{ background-color: rgb(208, 98,  
166) }
```

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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