

Converting Colors

$Y_{xy}(24.8005, 0.3737, 0.2580)$

Have a look what the booklet for
Yxy(24.8005, 0.3737, 0.2580)
contains.

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Color

Yxy(24.8087, 0.3736, 0.2587)

Conversions

Conversions Part 1

Format	Color
Hex	CC669E
RGB	204, 102, 158
RGB Percent	80%, 40%, 62%
CMY	0.2000, 0.6000, 0.3803
CMYK	0.00, 0.50, 0.23, 0.20
HSL	327°, 50%, 60%
HSV	327°, 50%, 80%
XYZ	35.8273, 24.8087, 35.2615
YIQ	138.8820, 42.8160, 39.0400

Conversions

Conversions Part 2

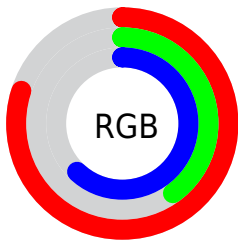
Format	Color
R_{YB}	204, 102, 158
Decimal	13395614
CIE _{Lab}	56.89, 47.01, -11.67
CIE _{LCh}	57, 48.437, 346.053
Yxy	24.8087, 0.3736, 0.2587
Android (android.graphics.Color)	4291585694 (0xFFCC669E)
YUV	138.8820, 9.4252, 57.1085
Hunter-Lab	49.8083, 41.2312, -7.1082

Details

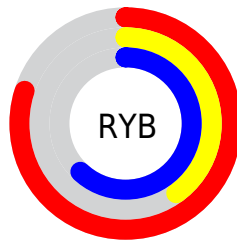
The Yxy color **24.8087, 0.3736, 0.2587** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **48.1490, 0.2791, 0.4145**, and the grayscale version is **25.7226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8410, 0.3538, 0.2707**, and **9.4612, 0.3931, 0.2356** is the 20% darker color. If you saturate the color by 10%, you get **20.9767, 0.3921, 0.2470**, and if you desaturate by 10%, it is **29.6533, 0.3573, 0.2723**.

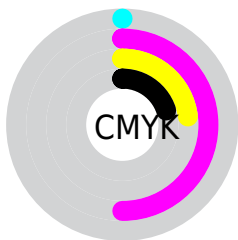
Distribution



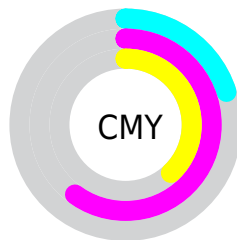
- Red (80%)
- Green (40%)
- Blue (62%)



- Red (80%)
- Yellow (40%)
- Blue (62%)



- Cyan (0%)
- Magenta (50%)
- Yellow (23%)
- Black (20%)





- Cyan (20%)
- Magenta (60%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.8087, 0.3736, 0.2587 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 24.8087, 0.3736, 0.2587 by changing the saturation by 10% instead.


 24.8087, 0.3736,
0.2587


 24.8087, 0.3736,
0.2587


276.8839, 0.3411,
0.2954


 15.9346, 0.3824,
0.2490


 51.3467, 0.3613,
0.2724

 9.4779, 0.3943,
0.2364


 69.7794, 0.3568,
0.2775

 5.0542, 0.4108,
0.2190


 92.1671, 0.3531,
0.2817

 2.2791, 0.4355,
0.1940

 118.8941, 0.3499,
0.2853

 0.7626, 0.4764,
0.1546

150.3449, 0.3472,
0.2883

 0.0000, 0.6503,
0.0000

186.9039, 0.3449,

 0.0000, 0.0000,

0.2910

0.0000

228.9554, 0.3429,
0.2934

■ 24.8087, 0.3736,
0.2587

■ 24.8087, 0.3736,
0.2587

■ 20.9767, 0.3921,
0.2470

■ 29.6533, 0.3573,
0.2723

■ 18.0794, 0.4123,
0.2383

■ 35.5736, 0.3432,
0.2867

■ 16.0335, 0.4337,
0.2338

■ 42.6318, 0.3312,
0.3013

■ 14.7389, 0.4553,
0.2344

■ 50.8841, 0.3211,
0.3155

■ 14.0090, 0.4764,
0.2398

■ 60.3832, 0.3127,
0.3290

■ 71.1786, 0.3058,
0.3416

■ 83.3169, 0.3000,
0.3534

■ 90.1604, 0.2950,
0.3538

■ 90.6954, 0.2901,
0.3439

Harmonies

Analogous

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



24.8087, 0.2883, 0.2212



24.8087, 0.3736, 0.2587



24.8087, 0.4475, 0.3110

Triad

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



24.8087, 0.3736, 0.2587



24.8087, 0.3961, 0.4749



24.8087, 0.1715, 0.2534

Complementary

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



24.8087, 0.3736, 0.2587



48.1490, 0.2791, 0.4145

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.



24.8087, 0.1918, 0.3265



24.8087, 0.3736, 0.2587



24.8087, 0.3186, 0.4772

Square

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



24.8087, 0.3736, 0.2587



24.8087, 0.4556, 0.4297



24.8087, 0.2438, 0.4172



24.8087, 0.1815, 0.2140

Rectangle

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



24.8087, 0.3736, 0.2587



24.8087, 0.4735, 0.3502



24.8087, 0.2438, 0.4172



24.8087, 0.1748, 0.2741

Sweetspot

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



24.8099, 0.3736, 0.2587



76.9159, 0.3261, 0.3082



20.1488, 0.2589, 0.1874



15.8503, 0.3283, 0.3052



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.



24.8099, 0.3736, 0.2587



34.3098, 0.3936, 0.2462



23.4038, 0.4459, 0.3230



11.3151, 0.3206, 0.3163



8.8362, 0.4736, 0.2382



0.4710, 0.4358, 0.2174

Inverse Universe

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



24.8099, 0.3736, 0.2587



34.3098, 0.3936, 0.2462



50.1308, 0.2505, 0.3360



11.3151, 0.3206, 0.3163



8.8362, 0.4736, 0.2382



0.4710, 0.4358, 0.2174

Previews

White Background



This preview shows how the Yxy color 24.8087, 0.3736, 0.2587 looks on a white background.

Color Contrast Check

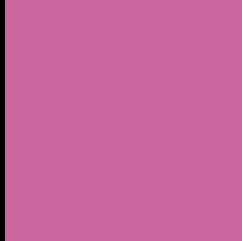
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8087, 0.3736, 0.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

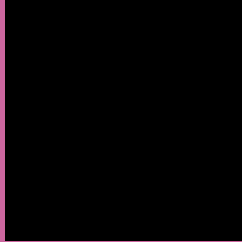
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8087, 0.3736, 0.2587

Background



This preview shows how black text looks on a background with the Yxy color 24.8087, 0.3736, 0.2587.



This preview shows how white text looks on a background with the Yxy color 24.8087, 0.3736, 0.2587.

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

24.8087, 0.3736, 0.2587

Protanopia

25.0241, 0.2606, 0.2562

Deuteranopia

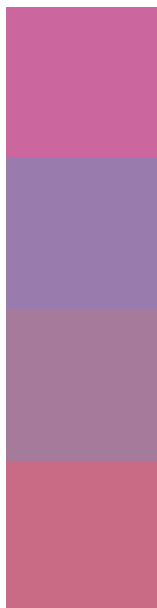
24.9146, 0.3032, 0.2967



Tritanopia

24.7392, 0.4210, 0.3188

Trichromacy



Original Color

24.8087, 0.3736, 0.2587

Protanomaly

24.0531, 0.2951, 0.2540

Deuteranomaly

24.2850, 0.3268, 0.2795

Tritanomaly

24.6264, 0.4027, 0.2954

Monochromacy



Original Color

24.8087, 0.3736, 0.2587

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.7836, 0.3342, 0.2984

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8087, 0.3736, 0.2587 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(204, 102, 158)` looks like.

```
.text, #text, p{  
    color:rgb(204, 102, 158)  
}
```

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(204, 102, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 102, 158) }
```

Border

The CSS property to change the border of an element to Yxy 24.8087, 0.3736, 0.2587 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(204, 102, 158) }
```

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

```
.border{ border-color:rgb(204, 102, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 102, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 102, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 102, 158);  
box-shadow:4px 4px 4px 4px rgb(204, 102,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8087, 0.3736, 0.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 102, 158) }
```

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

```
.background{ background-color: rgb(204,  
102, 158) }
```

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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