

Converting Colors

$Y_{xy}(24.0777, 0.4124, 0.2662)$

Have a look what the booklet for
Yxy(24.0777, 0.4124, 0.2662)
contains.

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Color

Yxy(24.0777, 0.4124, 0.2662)

Conversions

Conversions Part 1

Format	Color
Hex	D95A90
RGB	217, 90, 144
RGB Percent	85%, 35%, 56%
CMY	0.1491, 0.6470, 0.4353
CMYK	0.00, 0.59, 0.34, 0.15
HSL	334°, 63%, 60%
HSV	334°, 59%, 85%
XYZ	37.3014, 24.0777, 29.0705
YIQ	134.1290, 58.3580, 43.7180

Conversions

Conversions Part 2

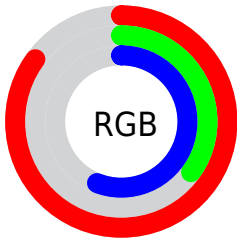
Format	Color
R _Y B	217, 90, 144
Decimal	14244496
CIE Lab	56.17, 55.01, -4.36
CIE LCh	56, 55.186, 355.468
Yxy	24.0777, 0.4124, 0.2662
Android (android.graphics.Color)	4292434576 (0xFFD95A90)
YUV	134.1290, 4.8664, 72.6779
Hunter-Lab	49.0690, 49.8218, -0.7775

Details

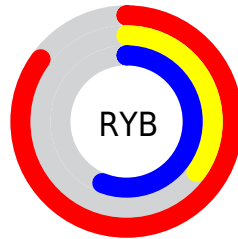
The Yxy color **24.0777, 0.4124, 0.2662** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **54.4341, 0.2672, 0.4082**, and the grayscale version is **23.8589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.5880, 0.3705, 0.2744**, and **9.0572, 0.4474, 0.2439** is the 20% darker color. If you saturate the color by 10%, you get **20.5757, 0.4397, 0.2598**, and if you desaturate by 10%, it is **28.6924, 0.3879, 0.2754**.

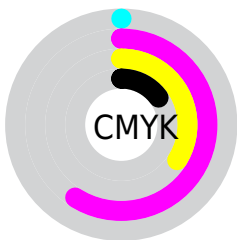
Distribution



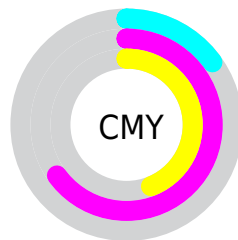
- Red (85%)
- Green (35%)
- Blue (56%)



- Red (85%)
- Yellow (35%)
- Blue (56%)



- Cyan (0%)
- Magenta (59%)
- Yellow (34%)
- Black (15%)



- Cyan (15%)
- Magenta (65%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0777, 0.4124, 0.2662 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 24.0777, 0.4124, 0.2662 by changing the saturation by 10% instead.


 24.0777, 0.4124,
0.2662


 24.0777, 0.4124,
0.2662


273.2131, 0.3579,
0.3000


 15.3913, 0.4277,
0.2570


 50.1570, 0.3914,
0.2791

 9.0944, 0.4483,
0.2446


 68.3186, 0.3839,
0.2837

 4.8028, 0.4778,
0.2274


 90.4074, 0.3777,
0.2876

 2.1320, 0.5226,
0.2018

 116.8078, 0.3724,
0.2908

 0.6826, 0.5996,
0.1577

147.9042, 0.3680,
0.2936

 0.0000, 1.0000,
0.0000

184.0809, 0.3641,

 0.0000, 0.0000,

0.2960

0.0000

225.7224, 0.3608,
0.2981

■ 24.0777, 0.4124,
0.2662

■ 24.0777, 0.4124,
0.2662

■ 20.5757, 0.4397,
0.2598

■ 28.6924, 0.3879,
0.2754

■ 18.0855, 0.4689,
0.2574

■ 34.5018, 0.3667,
0.2862

■ 16.4939, 0.4982,
0.2602

■ 41.5843, 0.3488,
0.2976

■ 15.6291, 0.5259,
0.2680

■ 50.0107, 0.3338,
0.3091

■ 15.5259, 0.5300,
0.2693

■ 59.8463, 0.3215,
0.3201

■ 71.1524, 0.3113,
0.3305

■ 83.9864, 0.3030,
0.3402

■ 92.7869, 0.2960,
0.3405

■ 93.4885, 0.2900,
0.3289

Harmonies

Analogous

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



24.0777, 0.3135, 0.2191



24.0777, 0.4124, 0.2662



24.0777, 0.4848, 0.3267

Triad

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



24.0777, 0.4124, 0.2662



24.0777, 0.3776, 0.5041



24.0777, 0.1550, 0.2241

Complementary

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



24.0777, 0.4124, 0.2662



54.4341, 0.2672, 0.4082

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.



24.0777, 0.1655, 0.2940



24.0777, 0.4124, 0.2662



24.0777, 0.2888, 0.4882

Square

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



24.0777, 0.4124, 0.2662



24.0777, 0.4546, 0.4587



24.0777, 0.2113, 0.3987



24.0777, 0.1760, 0.1932

Rectangle

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



24.0777, 0.4124, 0.2662



24.0777, 0.5006, 0.3705



24.0777, 0.2113, 0.3987



24.0777, 0.1548, 0.2427

Sweetspot

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



24.0789, 0.4124, 0.2662



72.5458, 0.3334, 0.3095



20.0030, 0.2613, 0.1682



14.7157, 0.3375, 0.3061



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.



24.0789, 0.4124, 0.2662



28.7783, 0.4458, 0.2589



24.3142, 0.4862, 0.3390



13.1430, 0.3225, 0.3191



9.4207, 0.5263, 0.2673



0.6273, 0.4848, 0.2444

Inverse Universe

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



24.0789, 0.4124, 0.2662



28.7783, 0.4458, 0.2589



52.5472, 0.2380, 0.3172



13.1430, 0.3225, 0.3191



9.4207, 0.5263, 0.2673



0.6273, 0.4848, 0.2444

Previews

White Background



This preview shows how the Yxy color 24.0777, 0.4124, 0.2662 looks on a white background.

Color Contrast Check

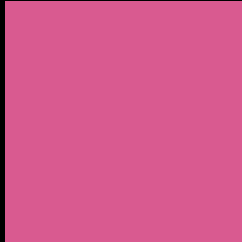
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0777, 0.4124, 0.2662 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 24.0777, 0.4124, 0.2662

Background



This preview shows how black text looks on a background with the Yxy color 24.0777, 0.4124, 0.2662.



This preview shows how white text looks on a background with the Yxy color 24.0777, 0.4124, 0.2662.

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

24.0777, 0.4124, 0.2662

Protanopia

24.3887, 0.2677, 0.2672

Deuteranopia

24.2706, 0.3236, 0.3175



Tritanopia

24.0514, 0.4627, 0.3212

Trichromacy



Original Color

24.0777, 0.4124, 0.2662



Protanomaly

22.8346, 0.3112, 0.2622



Deuteranomaly

23.1549, 0.3545, 0.2933



Tritanomaly

23.9634, 0.4452, 0.3010

Monochromacy



Original Color

24.0777, 0.4124, 0.2662



Achromatopsia

23.8398, 0.3127, 0.3290



Achromatomaly

22.6844, 0.3466, 0.2981

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0777, 0.4124, 0.2662 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(217, 90, 144)` looks like.

```
.text, #text, p{  
  color:rgb(217, 90, 144)  
}
```

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(217, 90, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 90, 144) }
```

Border

The CSS property to change the border of an element to Yxy 24.0777, 0.4124, 0.2662 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(217, 90, 144) }
```

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

```
.border{ border-color:rgb(217, 90, 144) }
```

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

Here you see how a box with a 4 pixel rgb(217, 90, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 90, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 90, 144);  
box-shadow:4px 4px 4px 4px rgb(217, 90,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0777, 0.4124, 0.2662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 90, 144) }
```

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

```
.background{ background-color: rgb(217, 90,  
144) }
```

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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