

Converting Colors

$Y_{xy}(23.9992, 0.3742, 0.2724)$

Have a look what the booklet for
Yxy(23.9992, 0.3742, 0.2724)
contains.

Yxy(24.0801, 0.3738, 0.2721)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.0801, 0.3738, 0.2721)

Conversions

Conversions Part 1

Format	Color
Hex	C36A95
RGB	195, 106, 149
RGB Percent	76%, 42%, 58%
CMY	0.2354, 0.5842, 0.4157
CMYK	0.00, 0.46, 0.24, 0.24
HSL	331°, 43%, 59%
HSV	331°, 46%, 76%
XYZ	33.0803, 24.0801, 31.3369
YIQ	137.5130, 39.2410, 32.2410

Conversions

Conversions Part 2

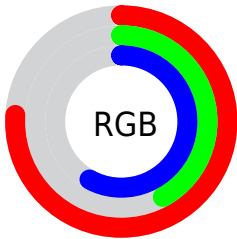
Format	Color
R_{YB}	195, 106, 149
Decimal	12806805
CIE _{Lab}	56.17, 40.64, -7.62
CIE _{LCh}	56, 41.346, 349.380
Yxy	24.0801, 0.3738, 0.2721
Android (android.graphics.Color)	4290996885 (0xFFC36A95)
YUV	137.5130, 5.6631, 50.4161
Hunter-Lab	49.0715, 34.4561, -3.5124

Details

The Yxy color **24.0801, 0.3738, 0.2721** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.3533, 0.2776, 0.3956**, and the grayscale version is **25.1891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9907, 0.3609, 0.2833**, and **9.1032, 0.3962, 0.2537** is the 20% darker color. If you saturate the color by 10%, you get **20.2002, 0.3943, 0.2610**, and if you desaturate by 10%, it is **28.9037, 0.3560, 0.2846**.

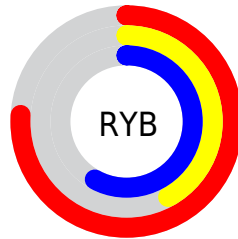
Distribution



Red (76%)

Green (42%)

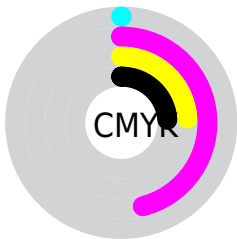
Blue (58%)



Red (76%)

Yellow (42%)

Blue (58%)

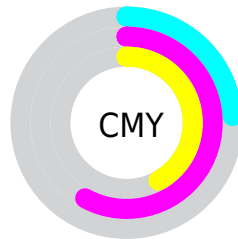


Cyan (0%)

Magenta (46%)

Yellow (24%)

Black (24%)



Cyan (24%)


Magenta (58%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0801, 0.3738, 0.2721 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 24.0801, 0.3738, 0.2721 by changing the saturation by 10% instead.


 24.0801, 0.3738,
0.2721


 24.0801, 0.3738,
0.2721


273.2252, 0.3406,
0.3024


 15.3931, 0.3831,
0.2639


 50.1609, 0.3610,
0.2836

 9.0957, 0.3957,
0.2529


 68.3234, 0.3564,
0.2878

 4.8037, 0.4136,
0.2376


 90.4132, 0.3527,
0.2912

 2.1325, 0.4413,
0.2147

 116.8147, 0.3495,
0.2942

 0.6828, 0.4907,
0.1744

147.9122, 0.3468,
0.2967

 0.0000, 0.8927,
0.0000

184.0902, 0.3444,

 0.0000, 0.0000,

0.2989

0.0000

225.7331, 0.3424,
0.3008

■ 24.0801, 0.3738,
0.2721

■ 24.0801, 0.3738,
0.2721

■ 20.2002, 0.3943,
0.2610

■ 28.9037, 0.3560,
0.2846

■ 17.1972, 0.4174,
0.2522

■ 34.7252, 0.3409,
0.2974

■ 15.0009, 0.4423,
0.2471


■ 41.5984, 0.3283,
0.3102

■ 13.5285, 0.4680,
0.2468

■ 49.5726, 0.3178,
0.3224


■ 12.6779, 0.4931,
0.2518


■ 58.6936, 0.3091,
0.3339

 12.4110, 0.5039,
0.2550

 69.0050, 0.3020,
0.3446

 80.5478, 0.2960,
0.3545

 88.8113, 0.2909,
0.3564

 89.3928, 0.2856,
0.3453

Harmonies

Analogous

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



24.0801, 0.3000, 0.2365



24.0801, 0.3738, 0.2721



24.0801, 0.4340, 0.3203

Triad

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



24.0801, 0.3738, 0.2721



24.0801, 0.3804, 0.4582



24.0801, 0.1876, 0.2589

Complementary

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



24.0801, 0.3738, 0.2721



44.3533, 0.2776, 0.3956

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.



24.0801, 0.2034, 0.3199



24.0801, 0.3738, 0.2721



24.0801, 0.3119, 0.4515

Square

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



24.0801, 0.3738, 0.2721



24.0801, 0.4341, 0.4247



24.0801, 0.2473, 0.3960



24.0801, 0.1994, 0.2260

Rectangle

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



24.0801, 0.3738, 0.2721



24.0801, 0.4536, 0.3559



24.0801, 0.2473, 0.3960



24.0801, 0.1897, 0.2763

Sweetspot

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



24.0813, 0.3738, 0.2721



76.4114, 0.3267, 0.3120



20.9249, 0.2712, 0.2030



16.0904, 0.3292, 0.3092



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.



24.0813, 0.3738, 0.2721



36.0479, 0.3948, 0.2607



23.2607, 0.4332, 0.3313



10.1572, 0.3215, 0.3179



8.0853, 0.5008, 0.2532



0.3633, 0.4503, 0.2254

Inverse Universe

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



24.0813, 0.3738, 0.2721



36.0479, 0.3948, 0.2607



45.3644, 0.2518, 0.3267



10.1572, 0.3215, 0.3179



8.0853, 0.5008, 0.2532



0.3633, 0.4503, 0.2254

Previews

White Background



This preview shows how the Yxy color 24.0801, 0.3738, 0.2721 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 24.0801, 0.3738, 0.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

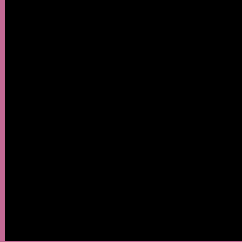
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0801, 0.3738, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 24.0801, 0.3738, 0.2721.



This preview shows how white text looks on a background with the Yxy color 24.0801, 0.3738, 0.2721.

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

24.0801, 0.3738, 0.2721

Protanopia

24.3522, 0.2738, 0.2749

Deuteranopia

24.2062, 0.3127, 0.3061



Tritanopia

24.1509, 0.4075, 0.3183

Trichromacy



Original Color

24.0801, 0.3738, 0.2721

Protanomaly

23.6288, 0.3062, 0.2730

Deuteranomaly

23.7809, 0.3349, 0.2922

Tritanomaly

24.1280, 0.3946, 0.3006

Monochromacy



Original Color

24.0801, 0.3738, 0.2721

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.2456, 0.3340, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0801, 0.3738, 0.2721 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(195, 106, 149)` looks like.

```
.text, #text, p{  
    color:rgb(195, 106, 149)  
}
```

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(195, 106, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 106, 149) }
```

Border

The CSS property to change the border of an element to Yxy 24.0801, 0.3738, 0.2721 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(195, 106, 149) }
```

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

```
.border{ border-color:rgb(195, 106, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 106, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 106, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 106, 149);  
box-shadow:4px 4px 4px 4px rgb(195, 106,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0801, 0.3738, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 106, 149) }
```

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

```
.background{ background-color: rgb(195,  
106, 149) }
```

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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