

Converting Colors

$Y_{xy}(24.1531, 0.3999, 0.2753)$

Have a look what the booklet for
Yxy(24.1531, 0.3999, 0.2753)
contains.

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Color

Yxy(24.1421, 0.4003, 0.2755)

Conversions

Conversions Part 1

Format	Color
Hex	CF638E
RGB	207, 99, 142
RGB Percent	81%, 39%, 56%
CMY	0.1882, 0.6118, 0.4431
CMYK	0.00, 0.52, 0.31, 0.19
HSL	336°, 53%, 60%
HSV	336°, 52%, 81%
XYZ	35.0783, 24.1421, 28.4097
YIQ	136.1940, 50.5650, 36.2690

Conversions

Conversions Part 2

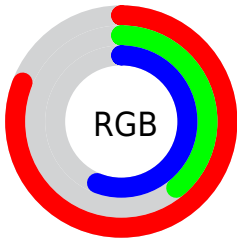
Format	Color
R _Y B	207, 99, 142
Decimal	13591438
CIE Lab	56.23, 47.31, -3.27
CIE LCh	56, 47.427, 356.051
Yxy	24.1421, 0.4003, 0.2755
Android (android.graphics.Color)	4291781518 (0xFFCF638E)
YUV	136.1940, 2.8624, 62.0969
Hunter-Lab	49.1346, 41.4497, 0.1127

Details

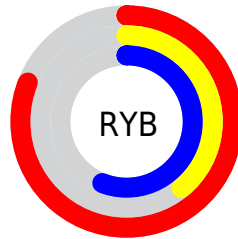
The Yxy color **24.1421, 0.4003, 0.2755** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **49.9599, 0.2688, 0.3931**, and the grayscale version is **24.6728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.0280, 0.3708, 0.2845**, and **9.2107, 0.4328, 0.2574** is the 20% darker color. If you saturate the color by 10%, you get **20.3575, 0.4272, 0.2678**, and if you desaturate by 10%, it is **28.9760, 0.3768, 0.2852**.

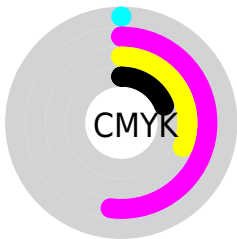
Distribution



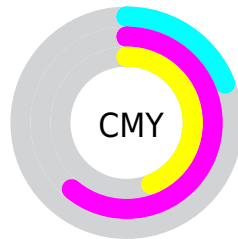
- Red (81%)
- Green (39%)
- Blue (56%)



- Red (81%)
- Yellow (39%)
- Blue (56%)



- Cyan (0%)
- Magenta (52%)
- Yellow (31%)
- Black (19%)





- Cyan (19%)
- Magenta (61%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1421, 0.4003, 0.2755 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 24.1421, 0.4003, 0.2755 by changing the saturation by 10% instead.


 24.1421, 0.4003,
0.2755


 24.1421, 0.4003,
0.2755


273.5381, 0.3522,
0.3045


 15.4391, 0.4139,
0.2675

 50.2620, 0.3817,
0.2866

 9.1281, 0.4323,
0.2567


 68.4476, 0.3751,
0.2906

 4.8248, 0.4588,
0.2414

 90.5629, 0.3696,
0.2939

 2.1449, 0.4997,
0.2182

 116.9923, 0.3650,
0.2967

 0.6897, 0.5719,
0.1769

148.1201, 0.3611,
0.2991

 0.0000, 1.0000,
0.0000

184.3307, 0.3577,

 0.0000, 0.0000,

0.3011

0.0000

226.0086, 0.3548,
0.3029

■ 24.1421, 0.4003,
0.2755

■ 24.1421, 0.4003,
0.2755

■ 20.3575, 0.4272,
0.2678

■ 28.9760, 0.3768,
0.2852

■ 17.5388, 0.4569,
0.2632

■ 34.9270, 0.3568,
0.2957

■ 15.5956, 0.4879,
0.2631

■ 42.0615, 0.3401,
0.3065

■ 14.4186, 0.5182,
0.2682

■ 50.4395, 0.3263,
0.3170

■ 13.8820, 0.5404,
0.2751

■ 60.1170, 0.3149,
0.3269

■ 71.1465, 0.3056,
0.3362

■ 83.5777, 0.2980,
0.3448

■ 91.1764, 0.2913,
0.3429

■ 91.9491, 0.2848,
0.3298

Harmonies

Analogous

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



24.1421, 0.3159, 0.2326



24.1421, 0.4003, 0.2755



24.1421, 0.4616, 0.3305

Triad

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



24.1421, 0.4003, 0.2755



24.1421, 0.3709, 0.4803



24.1421, 0.1729, 0.2376

Complementary

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



24.1421, 0.4003, 0.2755



49.9599, 0.2688, 0.3931

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.



24.1421, 0.1828, 0.2991



24.1421, 0.4003, 0.2755



24.1421, 0.2927, 0.4619

Square

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



24.1421, 0.4003, 0.2755



24.1421, 0.4378, 0.4464



24.1421, 0.2242, 0.3868



24.1421, 0.1926, 0.2091

Rectangle

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



24.1421, 0.4003, 0.2755



24.1421, 0.4757, 0.3702



24.1421, 0.2242, 0.3868



24.1421, 0.1729, 0.2543

Sweetspot

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



24.1433, 0.4003, 0.2755



75.1930, 0.3315, 0.3128



21.3005, 0.2723, 0.1872



15.4964, 0.3344, 0.3106



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.



24.1433, 0.4003, 0.2755



31.8081, 0.4318, 0.2668



25.2758, 0.4549, 0.3428



11.8851, 0.3229, 0.3198



8.7635, 0.5368, 0.2731



0.5055, 0.4882, 0.2463

Inverse Universe

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



24.1433, 0.4003, 0.2755



31.8081, 0.4318, 0.2668



46.7295, 0.2428, 0.3135



11.8851, 0.3229, 0.3198



8.7635, 0.5368, 0.2731



0.5055, 0.4882, 0.2463

Previews

White Background



This preview shows how the Yxy color 24.1421, 0.4003, 0.2755 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 24.1421, 0.4003, 0.2755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

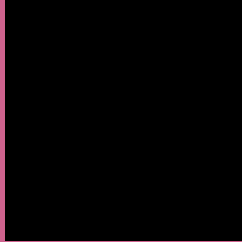
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1421, 0.4003, 0.2755

Background



This preview shows how black text looks on a background with the Yxy color 24.1421, 0.4003, 0.2755.



This preview shows how white text looks on a background with the Yxy color 24.1421, 0.4003, 0.2755.

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

24.1421, 0.4003, 0.2755

Protanopia

24.3977, 0.2783, 0.2797

Deuteranopia

24.3346, 0.3259, 0.3192



Tritanopia

24.1104, 0.4370, 0.3205

Trichromacy



Original Color

24.1421, 0.4003, 0.2755



Protanomaly

23.2431, 0.3164, 0.2750



Deuteranomaly

23.4927, 0.3513, 0.2988



Tritanomaly

24.1097, 0.4236, 0.3039

Monochromacy



Original Color

24.1421, 0.4003, 0.2755



Achromatopsia

24.6201, 0.3127, 0.3290



Achromatomaly

23.6823, 0.3430, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1421, 0.4003, 0.2755 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(207, 99, 142)` looks like.

```
.text, #text, p{  
    color:rgb(207, 99, 142)  
}
```

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(207, 99, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 99, 142) }
```

Border

The CSS property to change the border of an element to Yxy 24.1421, 0.4003, 0.2755 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(207, 99, 142) }
```

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

```
.border{ border-color:rgb(207, 99, 142) }
```

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

Here you see how a box with a 4 pixel rgb(207, 99, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 99, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 99, 142);  
box-shadow:4px 4px 4px 4px rgb(207, 99,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1421, 0.4003, 0.2755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 99, 142) }
```

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

```
.background{ background-color: rgb(207, 99,  
142) }
```

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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