

Converting Colors

Yxy(25.4498, 0.4019, 0.2353)

Have a look what the booklet for
Yxy(25.4498, 0.4019, 0.2353)
contains.

Yxy(25.4513, 0.4022, 0.2354)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.4513, 0.4022, 0.2354)

Conversions

Conversions Part 1

Format	Color
Hex	EA4CA7
RGB	234, 76, 167
RGB Percent	92%, 30%, 65%
CMY	0.0824, 0.7018, 0.3451
CMYK	0.00, 0.68, 0.29, 0.08
HSL	325°, 79%, 61%
HSV	325°, 68%, 92%
XYZ	43.4856, 25.4513, 39.1825
YIQ	133.6160, 64.9570, 61.7970

Conversions

Conversions Part 2

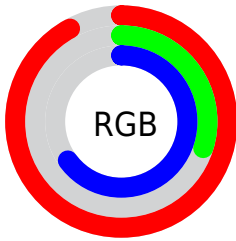
Format	Color
RYB	234, 76, 167
Decimal	15355047
CIELab	57.51, 68.41, -15.51
CIElCh	58, 70.149, 347.225
Yxy	25.4513, 0.4022, 0.2354
Android (android.graphics.Color)	4293545127 (0xFFEA4CA7)
YUV	133.6160, 16.4583, 88.0368
Hunter-Lab	50.4493, 65.5749, -10.7343

Details

The Yxy color **25.4513, 0.4022, 0.2354** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **62.3533, 0.2752, 0.4593**, and the grayscale version is **23.6183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8619, 0.3482, 0.2421**, and **10.2365, 0.4290, 0.2137** is the 20% darker color. If you saturate the color by 10%, you get **22.4391, 0.4220, 0.2294**, and if you desaturate by 10%, it is **29.6661, 0.3835, 0.2455**.

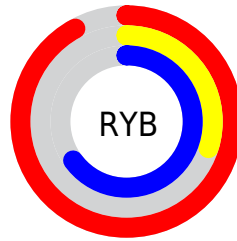
Distribution



Red (92%)

Green (30%)

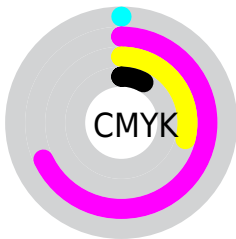
Blue (65%)



Red (92%)

Yellow (30%)

Blue (65%)

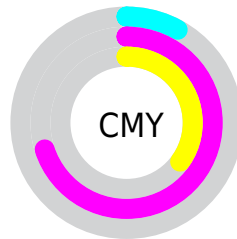


Cyan (0%)

Magenta (68%)

Yellow (29%)

Black (8%)



Cyan (8%)


Magenta (70%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4513, 0.4022, 0.2354 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 25.4513, 0.4022, 0.2354 by changing the saturation by 10% instead.


 25.4513, 0.4022,
0.2354


 25.4513, 0.4022,
0.2354


280.0780, 0.3552,
0.2830

 16.4136, 0.4146,
0.2234


 52.3884, 0.3846,
0.2528

 9.8173, 0.4310,
0.2080


 71.0566, 0.3781,
0.2593

 5.2780, 0.4533,
0.1876


 93.7038, 0.3727,
0.2648

 2.4113, 0.4856,
0.1597

 120.7144, 0.3681,
0.2695

 0.8317, 0.5354,
0.1197

 152.4727, 0.3642,
0.2736

 0.0000, 0.6632,
0.0000

189.3631, 0.3608,

 0.0000, 1.0000,

0.2771

0.0000

231.7701, 0.3578,
0.2802

■ 0.0000, 0.0000,
0.0000

■ 25.4513, 0.4022,
0.2354

■ 25.4513, 0.4022,
0.2354

■ 22.4391, 0.4220,
0.2294

■ 29.6661, 0.3835,
0.2455

■ 20.4907, 0.4421,
0.2285

■ 35.1941, 0.3666,
0.2584

■ 19.4283, 0.4617,
0.2329


■ 42.1378, 0.3517,
0.2729


■ 19.2310, 0.4666,
0.2344


■ 50.5883, 0.3388,
0.2882

■ 60.6291, 0.3278,
0.3035

 72.3374, 0.3186,
0.3184

 85.7855, 0.3109,
0.3324

 95.6852, 0.3047,
0.3376

 96.2283, 0.2999,
0.3290

Harmonies

Analogous

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



25.4513, 0.2802, 0.1876



25.4513, 0.4022, 0.2354



25.4513, 0.5080, 0.3006

Triad

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



25.4513, 0.4022, 0.2354



25.4513, 0.4104, 0.5292



25.4513, 0.1264, 0.2169

Complementary

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



25.4513, 0.4022, 0.2354



62.3533, 0.2752, 0.4593

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.



25.4513, 0.1464, 0.3142



25.4513, 0.4022, 0.2354



25.4513, 0.3063, 0.5485

Square

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



25.4513, 0.4022, 0.2354



25.4513, 0.4979, 0.4539



25.4513, 0.2088, 0.4557



25.4513, 0.1412, 0.1726

Rectangle

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



25.4513, 0.4022, 0.2354



25.4513, 0.5395, 0.3487



25.4513, 0.2088, 0.4557



25.4513, 0.1289, 0.2427

Sweetspot

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



25.4526, 0.4022, 0.2354



70.3504, 0.3305, 0.2996



16.8503, 0.2285, 0.1348



14.3083, 0.3335, 0.2953



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.



25.4526, 0.4022, 0.2354



26.2164, 0.4298, 0.2284



23.3870, 0.5200, 0.3173



15.1995, 0.3203, 0.3155



10.8350, 0.4637, 0.2328



0.8700, 0.4385, 0.2189

Inverse Universe

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



25.4526, 0.4022, 0.2354



26.2164, 0.4298, 0.2284



65.5805, 0.2397, 0.3460



15.1995, 0.3203, 0.3155



10.8350, 0.4637, 0.2328



0.8700, 0.4385, 0.2189

Previews

White Background



This preview shows how the Yxy color 25.4513, 0.4022, 0.2354 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 25.4513, 0.4022, 0.2354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

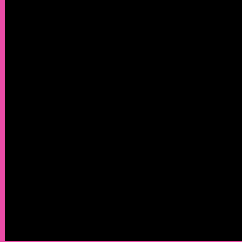
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4513, 0.4022, 0.2354

Background



This preview shows how black text looks on a background with the Yxy color 25.4513, 0.4022, 0.2354.



This preview shows how white text looks on a background with the Yxy color 25.4513, 0.4022, 0.2354.

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

25.4513, 0.4022, 0.2354

Protanopia

25.7722, 0.2318, 0.2193

Deuteranopia

25.5819, 0.2963, 0.2906



Tritanopia

25.4068, 0.4885, 0.3222

Trichromacy



Original Color

25.4513, 0.4022, 0.2354



Protanomaly

23.0978, 0.2780, 0.2165



Deuteranomaly

23.7572, 0.3315, 0.2606



Tritanomaly

25.2606, 0.4593, 0.2900

Monochromacy



Original Color

25.4513, 0.4022, 0.2354



Achromatopsia

23.8398, 0.3127, 0.3290



Achromatomaly

22.4316, 0.3452, 0.2798

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4513, 0.4022, 0.2354 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(234, 76, 167)` looks like.

```
.text, #text, p{  
    color:rgb(234, 76, 167)  
}
```

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(234, 76, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 76, 167) }
```

Border

The CSS property to change the border of an element to Yxy 25.4513, 0.4022, 0.2354 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(234, 76, 167) }
```

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

```
.border{ border-color:rgb(234, 76, 167) }
```

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

Here you see how a box with a 4 pixel rgb(234, 76, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 76, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 76, 167);  
box-shadow:4px 4px 4px 4px rgb(234, 76,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4513, 0.4022, 0.2354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 76, 167) }
```

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

```
.background{ background-color: rgb(234, 76,  
167) }
```

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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