

Converting Colors

$Y_{xy}(25.1380, 0.3964, 0.1960)$

Have a look what the booklet for
Yxy(25.1380, 0.3964, 0.1960)
contains.

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Color

Yxy(25.1092, 0.3969, 0.1963)

Conversions

Conversions Part 1

Format	Color
Hex	FF02C0
RGB	255, 2, 192
RGB Percent	100%, 1%, 75%
CMY	0.0001, 0.9910, 0.2471
CMYK	0.00, 0.99, 0.25, 0.00
HSL	315°, 100%, 50%
HSV	315°, 99%, 100%
XYZ	50.7684, 25.1092, 52.0348
YIQ	99.3070, 89.7980, 112.7260

Conversions

Conversions Part 2

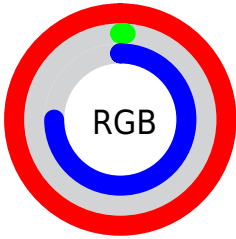
Format	Color
RYB	255, 2, 192
Decimal	16712384
CIELab	57.18, 90.25, -30.19
CIElCh	57, 95.162, 341.503
Yxy	25.1092, 0.3969, 0.1963
Android (android.graphics.Color)	4294902464 (0xFFFF02C0)
YUV	99.3070, 45.6976, 136.5428
Hunter-Lab	50.1091, 93.1578, -26.4921

Details

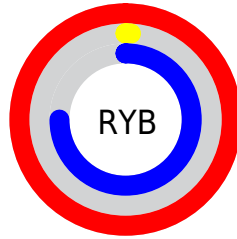
The Yxy color **25.1092, 0.3969, 0.1963** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light saturated magenta. A complement of this color would be **71.9039, 0.2925, 0.5723**, and the grayscale version is **12.4686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8000, 0.3248, 0.1943**, and **13.1724, 0.4093, 0.2028** is the 20% darker color. If you saturate the color by 10%, you get **25.0353, 0.3978, 0.1965**, and if you desaturate by 10%, it is **26.1694, 0.3871, 0.1953**.

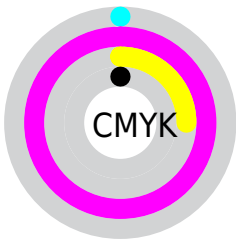
Distribution



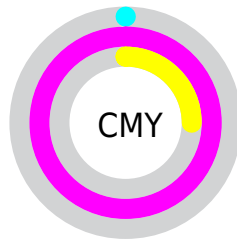
- Red (100%)
- Green (1%)
- Blue (75%)



- Red (100%)
- Yellow (1%)
- Blue (75%)



- Cyan (0%)
- Magenta (99%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (99%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1092, 0.3969, 0.1963 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 25.1092, 0.3969, 0.1963 by changing the saturation by 10% instead.


 25.1092, 0.3969,
0.1963


 25.1092, 0.3969,
0.1963


278.3813, 0.3552,
0.2602


 16.1584, 0.4070,
0.1814


 51.8343, 0.3819,
0.2188


 9.6363, 0.4197,
0.1631


 70.3775, 0.3763,
0.2274

 5.1585, 0.4361,
0.1402


 92.8869, 0.3714,
0.2349

 2.3406, 0.4579,
0.1110

 119.7469, 0.3673,
0.2413

 0.7951, 0.4876,
0.0741

 151.3420, 0.3637,
0.2469

 0.0000, 0.5453,
0.0000

188.0565, 0.3605,

 0.0000, 0.6017,

0.2519

0.0000

230.2748, 0.3577,
0.2563

■ 0.0000, 0.0000,
0.0000

■ 25.1092, 0.3969,
0.1963

■ 25.1092, 0.3969,
0.1963

■ 25.0353, 0.3978,
0.1965

■ 26.1694, 0.3871,
0.1953

■ 28.2217, 0.3770,
0.1989

■ 31.5232, 0.3667,
0.2072

■ 36.2453, 0.3566,
0.2199

■ 42.5329, 0.3470,
0.2358

■ 50.5125, 0.3382,
0.2539

■ 60.2980, 0.3303,
0.2732

■ 71.9931, 0.3234,
0.2928

■ 85.6939, 0.3174,
0.3121

Harmonies

Analogous

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



25.1092, 0.2410, 0.1468



25.1092, 0.3969, 0.1963



25.1092, 0.5535, 0.2677

Triad

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



25.1092, 0.3969, 0.1963



25.1092, 0.4374, 0.5544



25.1092, 0.0862, 0.1955

Complementary

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



25.1092, 0.3969, 0.1963



71.9039, 0.2925, 0.5723

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.



25.1092, 0.1111, 0.3345



25.1092, 0.3969, 0.1963



25.1092, 0.3088, 0.6343

Square

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



25.1092, 0.3969, 0.1963



25.1092, 0.5499, 0.4398



25.1092, 0.1895, 0.5479



25.1092, 0.0977, 0.1389

Rectangle

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



25.1092, 0.3969, 0.1963



25.1092, 0.6033, 0.3194



25.1092, 0.1895, 0.5479



25.1092, 0.0898, 0.2304

Sweetspot

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



25.1106, 0.3969, 0.1963



59.3523, 0.3310, 0.2714



8.2685, 0.1622, 0.0670



11.7873, 0.3343, 0.2632



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.



25.1106, 0.3969, 0.1963



25.0409, 0.3978, 0.1965



21.7433, 0.5898, 0.3028



18.2184, 0.3176, 0.3113



13.1095, 0.3962, 0.1956



1.2939, 0.3857, 0.1899

Inverse Universe

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



25.1106, 0.3969, 0.1963



25.0409, 0.3978, 0.1965



75.1323, 0.2498, 0.4187



18.2184, 0.3176, 0.3113



13.1095, 0.3962, 0.1956



1.2939, 0.3857, 0.1899

Previews

White Background



This preview shows how the Yxy color 25.1092, 0.3969, 0.1963 looks on a white background.

Color Contrast Check

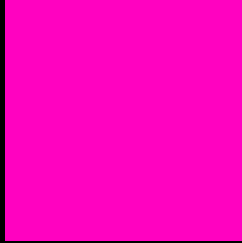
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1092, 0.3969, 0.1963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

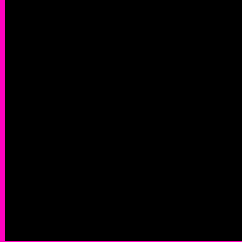
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1092, 0.3969, 0.1963

Background



This preview shows how black text looks on a background with the Yxy color 25.1092, 0.3969, 0.1963.



This preview shows how white text looks on a background with the Yxy color 25.1092, 0.3969, 0.1963.

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

25.1092, 0.3969, 0.1963

Protanopia

26.0844, 0.1930, 0.1695

Deuteranopia

25.6494, 0.2661, 0.2600



Tritanopia

25.3262, 0.5427, 0.3272

Trichromacy



Original Color

25.1092, 0.3969, 0.1963



Protanomaly

18.3053, 0.2305, 0.1457



Deuteranomaly

19.3910, 0.3077, 0.2006



Tritanomaly

23.6924, 0.4989, 0.2714

Monochromacy



Original Color

25.1092, 0.3969, 0.1963



Achromatopsia

12.4772, 0.3127, 0.3290



Achromatomaly

12.4282, 0.3547, 0.2229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1092, 0.3969, 0.1963 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(255, 2, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 2, 192)  
}
```

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(255, 2, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 2, 192) }
```

Border

The CSS property to change the border of an element to Yxy 25.1092, 0.3969, 0.1963 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(255, 2, 192) }
```

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

```
.border{ border-color:rgb(255, 2, 192) }
```

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

Here you see how a box with a 4 pixel rgb(255, 2, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 2, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 2, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 2,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1092, 0.3969, 0.1963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 2, 192) }
```

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

```
.background{ background-color: rgb(255, 2,  
192) }
```

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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