

Converting Colors

$Y_{xy}(22.0830, 0.5263, 0.2717)$

Have a look what the booklet for
Yxy(22.0830, 0.5263, 0.2717)
contains.

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Color

Yxy(22.0791, 0.5260, 0.2715)

Conversions

Conversions Part 1

Format	Color
Hex	FB136D
RGB	251, 19, 109
RGB Percent	98%, 7%, 43%
CMY	0.0157, 0.9253, 0.5726
CMYK	0.00, 0.92, 0.57, 0.02
HSL	337°, 97%, 53%
HSV	337°, 92%, 98%
XYZ	42.7757, 22.0791, 16.4678
YIQ	98.6280, 109.3820, 77.1740

Conversions

Conversions Part 2

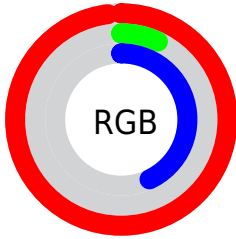
Format	Color
R_{YB}	251, 19, 109
Decimal	16454509
CIE Lab	54.11, 80.97, 14.32
CIE LCh	54, 82.223, 10.031
Yxy	22.0791, 0.5260, 0.2715
Android (android.graphics.Color)	4294644589 (0xFFFB136D)
YUV	98.6280, 5.1134, 133.6302
Hunter-Lab	46.9884, 80.2671, 12.1128

Details

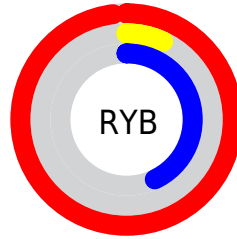
The Yxy color **22.0791, 0.5260, 0.2715** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **71.7092, 0.2602, 0.4529**, and the grayscale version is **12.3535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3008, 0.4270, 0.2717**, and **10.9126, 0.5650, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **21.3779, 0.5475, 0.2790**, and if you desaturate by 10%, it is **23.7863, 0.4951, 0.2656**.

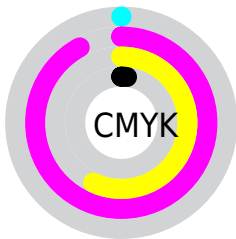
Distribution



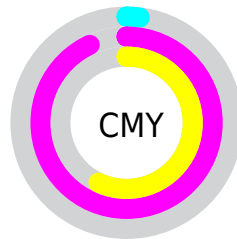
- Red (98%)
- Green (7%)
- Blue (43%)



- Red (98%)
- Yellow (7%)
- Blue (43%)



- Cyan (0%)
- Magenta (92%)
- Yellow (57%)
- Black (2%)





- Cyan (2%)
- Magenta (93%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0791, 0.5260, 0.2715 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 22.0791, 0.5260, 0.2715 by changing the saturation by 10% instead.


 22.0791, 0.5260,
0.2715


 22.0791, 0.5260,
0.2715


262.9591, 0.4075,
0.3073


 13.9150, 0.5588,
0.2600


 46.8767, 0.4804,
0.2864

 8.0616, 0.6021,
0.2438


 64.2790, 0.4639,
0.2914


 4.1344, 0.6610,
0.2197

 85.5295, 0.4504,
0.2954

 1.7490, 0.7440,
0.1828

 111.0127, 0.4390,
0.2987

 0.4551, 0.8873,
0.1127

 141.1128, 0.4293,
0.3014

 0.0000, 1.0000,
0.0000

176.2143, 0.4210,

 0.0000, 0.0000,

0.3037

0.0000

216.7016, 0.4138,
0.3057

■ 22.0791, 0.5260,
0.2715

■ 22.0791, 0.5260,
0.2715

■ 21.3779, 0.5475,
0.2790


■ 23.7863, 0.4951,
0.2656


■ 26.6823, 0.4631,
0.2649


■ 30.9478, 0.4322,
0.2689


■ 36.7317, 0.4041,
0.2762

■ 44.1629, 0.3795,
0.2856

 53.3568, 0.3587,
0.2960

 64.4182, 0.3413,
0.3066

 77.4435, 0.3269,
0.3169

 92.5227, 0.3152,
0.3267

Harmonies

Analogous

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



22.0791, 0.3826, 0.2033



22.0791, 0.5260, 0.2715



22.0791, 0.5841, 0.3484

Triad

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



22.0791, 0.5260, 0.2715



22.0791, 0.3228, 0.6048



22.0791, 0.1090, 0.1537

Complementary

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



22.0791, 0.5260, 0.2715



71.7092, 0.2602, 0.4529

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.



22.0791, 0.1002, 0.2125



22.0791, 0.5260, 0.2715



22.0791, 0.2079, 0.5306

Square

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



22.0791, 0.5260, 0.2715



22.0791, 0.4416, 0.5374



22.0791, 0.1288, 0.3453



22.0791, 0.1525, 0.1396

Rectangle

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



22.0791, 0.5260, 0.2715



22.0791, 0.5643, 0.4051



22.0791, 0.1288, 0.3453



22.0791, 0.1025, 0.1671

Sweetspot

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



22.0804, 0.5260, 0.2715



60.0922, 0.3506, 0.3006



14.7245, 0.2288, 0.1060



11.8532, 0.3585, 0.2960



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.



22.0804, 0.5260, 0.2715



22.1581, 0.5477, 0.2791



22.2303, 0.6198, 0.3382



17.3366, 0.3233, 0.3198



11.2636, 0.5432, 0.2766



1.0633, 0.5112, 0.2590

Inverse Universe

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



22.0804, 0.5260, 0.2715



22.1581, 0.5477, 0.2791



62.4838, 0.2173, 0.2993



17.3366, 0.3233, 0.3198



11.2636, 0.5432, 0.2766



1.0633, 0.5112, 0.2590

Previews

White Background



This preview shows how the Yxy color 22.0791, 0.5260, 0.2715 looks on a white background.

Color Contrast Check

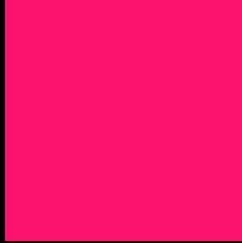
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0791, 0.5260, 0.2715 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 22.0791, 0.5260, 0.2715

Background



This preview shows how black text looks on a background with the Yxy color 22.0791, 0.5260, 0.2715.



This preview shows how white text looks on a background with the Yxy color 22.0791, 0.5260, 0.2715.

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

22.0791, 0.5260, 0.2715

Protanopia

22.4199, 0.2791, 0.2812

Deuteranopia

22.3404, 0.3788, 0.3725



Tritanopia

22.0999, 0.6004, 0.3304

Trichromacy



Original Color

22.0791, 0.5260, 0.2715



Protanomaly

17.5843, 0.3588, 0.2535



Deuteranomaly

18.4537, 0.4446, 0.3065



Tritanomaly

21.8188, 0.5812, 0.3113

Monochromacy



Original Color

22.0791, 0.5260, 0.2715



Achromatopsia

12.4772, 0.3127, 0.3290



Achromatomaly

12.2296, 0.4042, 0.2752

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0791, 0.5260, 0.2715 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(251, 19, 109)` looks like.

```
.text, #text, p{  
    color:rgb(251, 19, 109)  
}
```

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(251, 19, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 19, 109) }
```

Border

The CSS property to change the border of an element to Yxy 22.0791, 0.5260, 0.2715 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(251, 19, 109) }
```

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

```
.border{ border-color:rgb(251, 19, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 19, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 19, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 19, 109);  
box-shadow:4px 4px 4px 4px rgb(251, 19,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0791, 0.5260, 0.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 19, 109) }
```

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

```
.background{ background-color: rgb(251, 19,  
109) }
```

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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