

Converting Colors

$Yxy(17.8534, 0.5731, 0.2515)$

Have a look what the booklet for
Yxy(17.8534, 0.5731, 0.2515)
contains.

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Color

Yxy(21.7272, 0.5509, 0.2809)

Conversions

Conversions Part 1

Format	Color
Hex	FD0060
RGB	253, 0, 96
RGB Percent	99%, 0%, 38%
CMY	0.0080, 0.9987, 0.6236
CMYK	0.00, 1.00, 0.62, 0.01
HSL	337°, 100%, 50%
HSV	337°, 100%, 99%
XYZ	42.6113, 21.7272, 13.0100
YIQ	86.5910, 119.9720, 83.4920

Conversions

Conversions Part 2

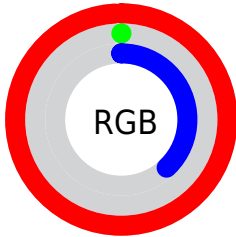
Format	Color
R_{YB}	253, 0, 96
Decimal	16580704
CIE _{Lab}	53.74, 82.09, 21.73
CIE _{LCh}	54, 84.916, 14.825
Yxy	21.7272, 0.5509, 0.2809
Android (android.graphics.Color)	4294770784 (0xFFFD0060)
YUV	86.5910, 4.6386, 145.9407
Hunter-Lab	46.6124, 81.6060, 16.0803

Details

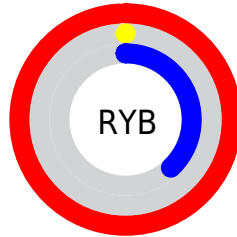
The Yxy color **21.7272, 0.5509, 0.2809** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **72.6798, 0.2613, 0.4606**, and the grayscale version is **9.4491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.0707, 0.4473, 0.2824**, and **10.9304, 0.5864, 0.3004** is the 20% darker color. If you saturate the color by 10%, you get **21.7179, 0.5512, 0.2810**, and if you desaturate by 10%, it is **22.7625, 0.5219, 0.2714**.

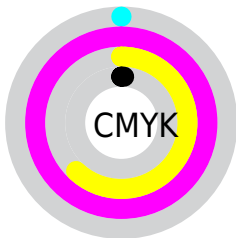
Distribution



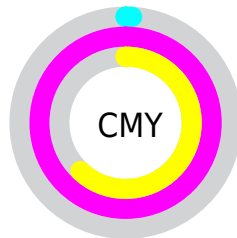
- Red (99%)
- Green (0%)
- Blue (38%)



- Red (99%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (1%)




- Cyan (1%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.7272, 0.5509, 0.2809 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 21.7272, 0.5509, 0.2809 by changing the saturation by 10% instead.


 21.7272, 0.5509,
0.2809


 21.7272, 0.5509,
0.2809


261.1183, 0.4186,
0.3141


 13.6566, 0.5868,
0.2692


 46.2947, 0.5002,
0.2955

 7.8822, 0.6337,
0.2521


 63.5604, 0.4819,
0.3002


 4.0197, 0.6956,
0.2261

 84.6599, 0.4667,
0.3038

 1.6846, 0.7951,
0.1895

 109.9776, 0.4540,
0.3068

 0.4136, 0.8957,
0.1043

 139.8979, 0.4431,
0.3091

 0.0000, 1.0000,
0.0000

 174.8052, 0.4338,

 0.0000, 0.0000,

0.3111

0.0000

215.0839, 0.4257,
0.3127

■ 21.7272, 0.5509,
0.2809

■ 21.7272, 0.5509,
0.2809

■ 21.7179, 0.5512,
0.2810

■ 22.7625, 0.5219,
0.2714

■ 24.7808, 0.4900,
0.2667

■ 28.0629, 0.4575,
0.2671

■ 32.7821, 0.4267,
0.2719

■ 39.0846, 0.3989,
0.2796

■ 47.0980, 0.3748,
0.2891

■ 56.9370, 0.3546,
0.2993

■ 68.7061, 0.3377,
0.3097

■ 82.5021, 0.3239,
0.3197

Harmonies

Analogous

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



21.7272, 0.4107, 0.2096



21.7272, 0.5509, 0.2809



21.7272, 0.5910, 0.3595

Triad

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



21.7272, 0.5509, 0.2809



21.7272, 0.3007, 0.6159



21.7272, 0.1089, 0.1442

Complementary

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



21.7272, 0.5509, 0.2809



72.6798, 0.2613, 0.4606

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.



21.7272, 0.0945, 0.1944



21.7272, 0.5509, 0.2809



21.7272, 0.1870, 0.5114

Square

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



21.7272, 0.5509, 0.2809



21.7272, 0.4233, 0.5578



21.7272, 0.1156, 0.3167



21.7272, 0.1592, 0.1359

Rectangle

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



21.7272, 0.5509, 0.2809



21.7272, 0.5597, 0.4189



21.7272, 0.1156, 0.3167



21.7272, 0.1005, 0.1552

Sweetspot

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



21.7285, 0.5509, 0.2809



57.8279, 0.3548, 0.2992



14.1771, 0.2253, 0.1015



11.4254, 0.3629, 0.2948



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.



21.7285, 0.5509, 0.2809



22.1147, 0.5513, 0.2811



21.7963, 0.6320, 0.3363



18.1009, 0.3234, 0.3200



11.5821, 0.5471, 0.2787



1.1481, 0.5162, 0.2617

Inverse Universe

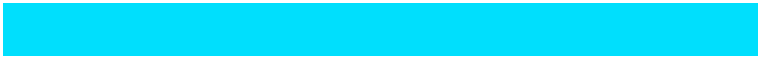
The Inverse Universe completely reimagines the original color for something new.



21.7285, 0.5509, 0.2809



22.1147, 0.5513, 0.2811



60.1329, 0.2142, 0.2911



18.1009, 0.3234, 0.3200



11.5821, 0.5471, 0.2787



1.1481, 0.5162, 0.2617

Previews

White Background



This preview shows how the Yxy color 21.7272, 0.5509, 0.2809 looks on a white background.

Color Contrast Check

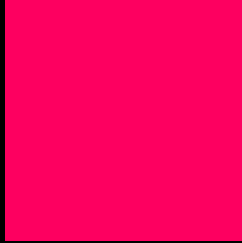
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7272, 0.5509, 0.2809 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 21.7272, 0.5509, 0.2809

Background



This preview shows how black text looks on a background with the Yxy color 21.7272, 0.5509, 0.2809.



This preview shows how white text looks on a background with the Yxy color 21.7272, 0.5509, 0.2809.

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

21.7272, 0.5509, 0.2809

Protanopia

22.2611, 0.3011, 0.3098

Deuteranopia

22.1391, 0.4001, 0.3927



Tritanopia

22.0876, 0.6121, 0.3312

Trichromacy



Original Color

21.7272, 0.5509, 0.2809



Protanomaly

16.4885, 0.3915, 0.2678



Deuteranomaly

17.3896, 0.4751, 0.3167



Tritanomaly

21.6962, 0.5982, 0.3146

Monochromacy



Original Color

21.7272, 0.5509, 0.2809



Achromatopsia

9.5307, 0.3127, 0.3290



Achromatomaly

9.6736, 0.4276, 0.2713

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.7272, 0.5509, 0.2809 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(253, 0, 96)` looks like.

```
.text, #text, p{  
    color:rgb(253, 0, 96)  
}
```

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(253, 0, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 0, 96) }
```

Border

The CSS property to change the border of an element to Yxy 21.7272, 0.5509, 0.2809 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(253, 0, 96) }
```

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

```
.border{ border-color:rgb(253, 0, 96) }
```

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

Here you see how a box with a 4 pixel rgb(253, 0, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 0, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 0, 96);  
box-shadow:4px 4px 4px 4px rgb(253, 0, 96)  
}
```


Background

The CSS property to change the background color of an element to Yxy 21.7272, 0.5509, 0.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 0, 96) }
```

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

```
.background{ background-color: rgb(253, 0,  
96) }
```

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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