

Converting Colors

Yxy(21.6306, 0.5631, 0.2880)

Have a look what the booklet for
Yxy(21.6306, 0.5631, 0.2880)
contains.

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Color

Yxy(21.6306, 0.5631, 0.2880)

Conversions

Conversions Part 1

Format	Color
Hex	FD0258
RGB	253, 2, 88
RGB Percent	99%, 1%, 35%
CMY	0.0078, 0.9920, 0.6548
CMYK	0.00, 0.99, 0.65, 0.01
HSL	339°, 98%, 50%
HSV	339°, 99%, 99%
XYZ	42.2923, 21.6306, 11.1833
YIQ	86.8530, 121.9900, 79.9580

Conversions

Conversions Part 2

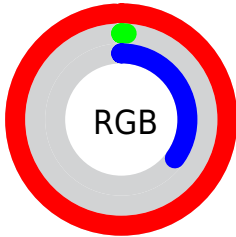
Format	Color
R_{YB}	253, 2, 88
Decimal	16581208
CIE _{Lab}	53.63, 81.58, 26.39
CIE _{LCh}	54, 85.741, 17.929
Yxy	21.6306, 0.5631, 0.2880
Android (android.graphics.Color)	4294771288 (0xFFFD0258)
YUV	86.8530, 0.5655, 145.7109
Hunter-Lab	46.5087, 80.9273, 18.2994

Details

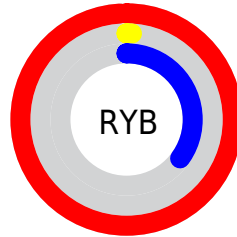
The Yxy color **21.6306, 0.5631, 0.2880** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated red. A complement of this color would be **73.0548, 0.2575, 0.4465**, and the grayscale version is **9.4817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.8015, 0.4595, 0.2915**, and **10.8732, 0.5982, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **21.5658, 0.5654, 0.2888**, and if you desaturate by 10%, it is **22.6949, 0.5330, 0.2785**.

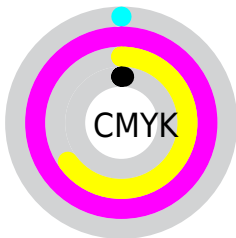
Distribution



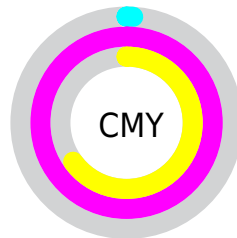
- Red (99%)
- Green (1%)
- Blue (35%)



- Red (99%)
- Yellow (1%)
- Blue (35%)



- Cyan (0%)
- Magenta (99%)
- Yellow (65%)
- Black (1%)




- Cyan (1%)
- Magenta (99%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6306, 0.5631, 0.2880 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 21.6306, 0.5631, 0.2880 by changing the saturation by 10% instead.


 21.6306, 0.5631,
0.2880


 21.6306, 0.5631,
0.2880

260.6111, 0.4243,
0.3190


 13.5857, 0.6003,
0.2762


 46.1347, 0.5102,
0.3022


 7.8331, 0.6481,
0.2587


 63.3627, 0.4910,
0.3066


 3.9883, 0.7101,
0.2316

 84.4205, 0.4751,
0.3100

 1.6670, 0.8070,
0.1930

 109.6926, 0.4616,
0.3126

 0.4022, 0.8967,
0.1033

 139.5633, 0.4502,
0.3147

 0.0000, 1.0000,
0.0000

 174.4170, 0.4404,

 0.0000, 0.0000,

0.3164

0.0000

214.6381, 0.4318,
0.3178

■ 21.6306, 0.5631,
0.2880

■ 21.6306, 0.5631,
0.2880

■ 21.5658, 0.5654,
0.2888

■ 22.6949, 0.5330,
0.2785

■ 24.7833, 0.4993,
0.2736

■ 28.1549, 0.4647,
0.2736

■ 32.9815, 0.4318,
0.2778

■ 39.4083, 0.4023,
0.2848

■ 47.5623, 0.3769,
0.2934

■ 57.5582, 0.3556,
0.3027

■ 69.5002, 0.3380,
0.3121

■ 83.4851, 0.3236,
0.3212

Harmonies

Analogous

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



21.6306, 0.4286, 0.2154



21.6306, 0.5631, 0.2880



21.6306, 0.5909, 0.3676

Triad

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



21.6306, 0.5631, 0.2880



21.6306, 0.2871, 0.6175



21.6306, 0.1109, 0.1404

Complementary

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



21.6306, 0.5631, 0.2880



73.0548, 0.2575, 0.4465

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.



21.6306, 0.0930, 0.1851



21.6306, 0.5631, 0.2880



21.6306, 0.1756, 0.4936

Square

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



21.6306, 0.5631, 0.2880



21.6306, 0.4106, 0.5694



21.6306, 0.1098, 0.2991



21.6306, 0.1658, 0.1355

Rectangle

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



21.6306, 0.5631, 0.2880



21.6306, 0.5533, 0.4287



21.6306, 0.1098, 0.2991



21.6306, 0.1013, 0.1499

Sweetspot

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



21.6319, 0.5631, 0.2880



57.6940, 0.3572, 0.3020



15.1529, 0.2336, 0.1063



11.3941, 0.3658, 0.2980



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.



21.6319, 0.5631, 0.2880



21.9542, 0.5655, 0.2889



22.3834, 0.6266, 0.3399



18.0898, 0.3240, 0.3209



11.4966, 0.5612, 0.2865



1.1389, 0.5295, 0.2691

Inverse Universe

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



21.6319, 0.5631, 0.2880



21.9542, 0.5655, 0.2889



55.8874, 0.2112, 0.2801



18.0898, 0.3240, 0.3209



11.4966, 0.5612, 0.2865



1.1389, 0.5295, 0.2691

Previews

White Background



This preview shows how the Yxy color 21.6306, 0.5631, 0.2880 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 21.6306, 0.5631, 0.2880 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 21.6306, 0.5631, 0.2880

Background



This preview shows how black text looks on a background with the Yxy color 21.6306, 0.5631, 0.2880.



This preview shows how white text looks on a background with the Yxy color 21.6306, 0.5631, 0.2880.

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

21.6306, 0.5631, 0.2880

Protanopia

22.1910, 0.3162, 0.3290

Deuteranopia

22.1192, 0.4106, 0.4045



Tritanopia

21.8753, 0.6163, 0.3315

Trichromacy



Original Color

21.6306, 0.5631, 0.2880



Protanomaly

16.6315, 0.4106, 0.2842



Deuteranomaly

17.5379, 0.4884, 0.3283



Tritanomaly

21.5966, 0.6048, 0.3179

Monochromacy



Original Color

21.6306, 0.5631, 0.2880



Achromatopsia

9.5307, 0.3127, 0.3290



Achromatomaly

9.7195, 0.4336, 0.2779

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6306, 0.5631, 0.2880 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, 2, 88)` looks like.

```
.text, #text, p{  
    color:rgb(253, 2, 88)  
}
```

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, 2, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 2, 88) }
```

Border

The CSS property to change the border of an element to Yxy 21.6306, 0.5631, 0.2880 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, 2, 88) }
```

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

```
.border{ border-color:rgb(253, 2, 88) }
```

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

Here you see how a box with a 4 pixel rgb(253, 2, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 2, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 2, 88);  
box-shadow:4px 4px 4px 4px rgb(253, 2, 88)  
}
```


Background

The CSS property to change the background color of an element to Yxy 21.6306, 0.5631, 0.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 2, 88) }
```

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

```
.background{ background-color: rgb(253, 2,  
88) }
```

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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