

Converting Colors

Yxy(21.3524, 0.4984, 0.2587)

Have a look what the booklet for
Yxy(21.3524, 0.4984, 0.2587)
contains.

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Color

Yxy(21.3524, 0.4984, 0.2587)

Conversions

Conversions Part 1

Format	Color
Hex	F41A79
RGB	244, 26, 121
RGB Percent	96%, 10%, 47%
CMY	0.0430, 0.8984, 0.5254
CMYK	0.00, 0.89, 0.50, 0.04
HSL	334°, 91%, 53%
HSV	334°, 89%, 96%
XYZ	41.1366, 21.3524, 20.0483
YIQ	102.0120, 99.4330, 75.7610

Conversions

Conversions Part 2

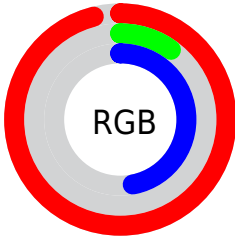
Format	Color
R_{YB}	244, 26, 121
Decimal	15997561
CIE _{Lab}	53.33, 79.36, 5.76
CIE _{LCh}	53, 79.570, 4.150
Yxy	21.3524, 0.4984, 0.2587
Android (android.graphics.Color)	4294187641 (0xFFFF41A79)
YUV	102.0120, 9.3611, 124.5235
Hunter-Lab	46.2087, 78.0419, 6.6222

Details

The Yxy color **21.3524, 0.4984, 0.2587** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **67.1030, 0.2641, 0.4639**, and the grayscale version is **13.2343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1778, 0.4095, 0.2605**, and **10.3048, 0.5361, 0.2727** is the 20% darker color. If you saturate the color by 10%, you get **20.3375, 0.5254, 0.2671**, and if you desaturate by 10%, it is **23.2892, 0.4696, 0.2554**.

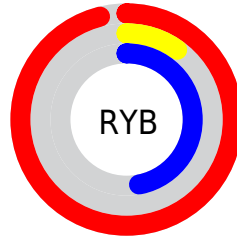
Distribution



Red (96%)

Green (10%)

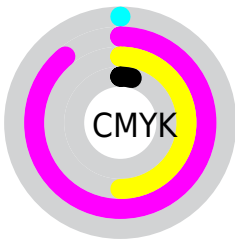
Blue (47%)



Red (96%)

Yellow (10%)

Blue (47%)

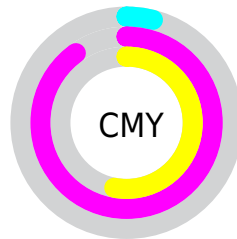


Cyan (0%)

Magenta (89%)

Yellow (50%)

Black (4%)



Cyan (4%)

Magenta (90%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.3524, 0.4984, 0.2587 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 21.3524, 0.4984, 0.2587 by changing the saturation by 10% instead.


 21.3524, 0.4984,
0.2587


 21.3524, 0.4984,
0.2587

259.1454, 0.3949,
0.2993

 13.3818, 0.5275,
0.2467


 45.6733, 0.4583,
0.2748


 7.6920, 0.5666,
0.2302


 62.7924, 0.4440,
0.2805

 3.8985, 0.6211,
0.2065

 83.7298, 0.4322,
0.2851

 1.6170, 0.6999,
0.1708

 108.8700, 0.4223,
0.2889

 0.3690, 0.8987,
0.1013

 138.5972, 0.4139,
0.2921

 0.0000, 1.0000,
0.0000

173.2959, 0.4067,

 0.0000, 0.0000,

0.2948

0.0000

213.3505, 0.4004,
0.2972

■ 21.3524, 0.4984,
0.2587

■ 21.3524, 0.4984,
0.2587

■ 20.3375, 0.5254,
0.2671

■ 23.2892, 0.4696,
0.2554

■ 20.2868, 0.5270,
0.2677

■ 26.3872, 0.4408,
0.2573

■ 30.8039, 0.4136,
0.2636

■ 36.6712, 0.3892,
0.2728

■ 44.1047, 0.3679,
0.2838

■ 53.2082, 0.3499,
0.2956

■ 64.0765, 0.3348,
0.3074

■ 76.7975, 0.3224,
0.3188

■ 91.4529, 0.3121,
0.3296

Harmonies

Analogous

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



21.3524, 0.3516, 0.1942



21.3524, 0.4984, 0.2587



21.3524, 0.5768, 0.3339

Triad

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



21.3524, 0.4984, 0.2587



21.3524, 0.3474, 0.5940



21.3524, 0.1075, 0.1637

Complementary

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



21.3524, 0.4984, 0.2587



67.1030, 0.2641, 0.4639

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.



21.3524, 0.1054, 0.2340



21.3524, 0.4984, 0.2587



21.3524, 0.2312, 0.5533

Square

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



21.3524, 0.4984, 0.2587



21.3524, 0.4627, 0.5160



21.3524, 0.1431, 0.3802



21.3524, 0.1433, 0.1424

Rectangle

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



21.3524, 0.4984, 0.2587



21.3524, 0.5703, 0.3884



21.3524, 0.1431, 0.3802



21.3524, 0.1031, 0.1804

Sweetspot

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



21.3537, 0.4984, 0.2587



61.4078, 0.3461, 0.2983



13.3678, 0.2219, 0.1040



12.3279, 0.3517, 0.2943



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.



21.3537, 0.4984, 0.2587



22.4119, 0.5276, 0.2680



20.6239, 0.6182, 0.3341



16.6025, 0.3225, 0.3187



11.0545, 0.5231, 0.2655



0.9918, 0.4916, 0.2482

Inverse Universe

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



21.3537, 0.4984, 0.2587



22.4119, 0.5276, 0.2680



65.0979, 0.2221, 0.3148



16.6025, 0.3225, 0.3187



11.0545, 0.5231, 0.2655



0.9918, 0.4916, 0.2482

Previews

White Background



This preview shows how the Yxy color 21.3524, 0.4984, 0.2587 looks on a white background.

Color Contrast Check

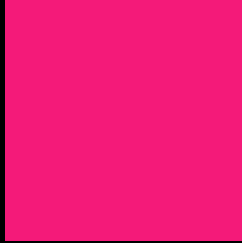
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3524, 0.4984, 0.2587 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 21.3524, 0.4984, 0.2587

Background



This preview shows how black text looks on a background with the Yxy color 21.3524, 0.4984, 0.2587.



This preview shows how white text looks on a background with the Yxy color 21.3524, 0.4984, 0.2587.

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

21.3524, 0.4984, 0.2587

Protanopia

21.8021, 0.2571, 0.2536

Deuteranopia

21.5167, 0.3573, 0.3497



Tritanopia

21.5040, 0.5857, 0.3298

Trichromacy



Original Color

21.3524, 0.4984, 0.2587

Protanomaly

17.2936, 0.3294, 0.2344

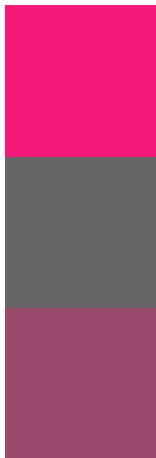
Deuteranomaly

18.1623, 0.4147, 0.2911

Tritanomaly

21.1551, 0.5611, 0.3055

Monochromacy



Original Color

21.3524, 0.4984, 0.2587

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

12.8717, 0.3912, 0.2717

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.3524, 0.4984, 0.2587 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(244, 26, 121)` looks like.

```
.text, #text, p{  
    color:rgb(244, 26, 121)  
}
```

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(244, 26, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 26, 121) }
```

Border

The CSS property to change the border of an element to Yxy 21.3524, 0.4984, 0.2587 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(244, 26, 121) }
```

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

```
.border{ border-color:rgb(244, 26, 121) }
```

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

Here you see how a box with a 4 pixel rgb(244, 26, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 26, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 26, 121);  
box-shadow:4px 4px 4px 4px rgb(244, 26,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 21.3524, 0.4984, 0.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 26, 121) }
```

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

```
.background{ background-color: rgb(244, 26,  
121) }
```

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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