

Converting Colors

Yxy(21.3504, 0.5368, 0.2860)

Have a look what the booklet for
Yxy(21.3504, 0.5368, 0.2860)
contains.

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Color

Yxy(21.3579, 0.5362, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	F42461
RGB	244, 36, 97
RGB Percent	96%, 14%, 38%
CMY	0.0431, 0.8588, 0.6195
CMYK	0.00, 0.85, 0.60, 0.04
HSL	342°, 90%, 55%
HSV	342°, 85%, 96%
XYZ	40.0984, 21.3579, 13.3263
YIQ	105.1460, 104.3870, 63.0670

Conversions

Conversions Part 2

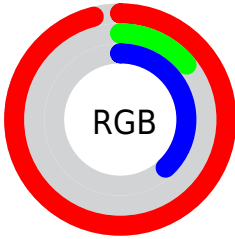
Format	Color
RYB	244, 36, 97
Decimal	16000097
CIELab	53.34, 76.13, 20.25
CIELCh	53, 78.774, 14.897
Yxy	21.3579, 0.5362, 0.2856
Android (android.graphics.Color)	4294190177 (0xFFFF42461)
YUV	105.1460, -4.0160, 121.7750
Hunter-Lab	46.2146, 74.0011, 15.2536

Details

The Yxy color **21.3579, 0.5362, 0.2856** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **68.4952, 0.2508, 0.4128**, and the grayscale version is **14.1601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8820, 0.4422, 0.2894**, and **9.9423, 0.5816, 0.2978** is the 20% darker color. If you saturate the color by 10%, you get **20.0629, 0.5691, 0.2937**, and if you desaturate by 10%, it is **23.7291, 0.4994, 0.2822**.

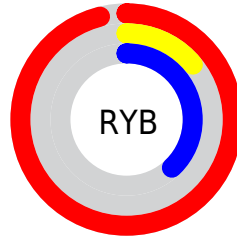
Distribution



Red (96%)

Green (14%)

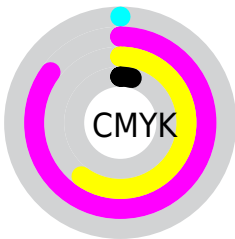
Blue (38%)



Red (96%)

Yellow (14%)

Blue (38%)

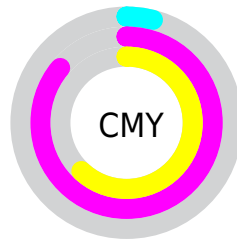


Cyan (0%)

Magenta (85%)

Yellow (60%)

Black (4%)



Cyan (4%)


Magenta (86%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.3579, 0.5362, 0.2856 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 21.3579, 0.5362, 0.2856 by changing the saturation by 10% instead.

 21.3579, 0.5362,
0.2856


 21.3579, 0.5362,
0.2856


259.1745, 0.4112,
0.3156

 13.3859, 0.5708,
0.2748


 45.6824, 0.4880,
0.2988

 7.6948, 0.6163,
0.2589


 62.8037, 0.4707,
0.3031


 3.9003, 0.6776,
0.2344

 83.7435, 0.4564,
0.3064

 1.6179, 0.7774,
0.1990

 108.8863, 0.4444,
0.3090

 0.3696, 0.8930,
0.1070

 138.6163, 0.4342,
0.3112

 0.0000, 1.0000,
0.0000

173.3181, 0.4255,

 0.0000, 0.0000,

0.3129

0.0000

213.3760, 0.4179,
0.3144

■ 21.3579, 0.5362,
0.2856

■ 21.3579, 0.5362,
0.2856

■ 20.0629, 0.5691,
0.2937

■ 23.7291, 0.4994,
0.2822

■ 19.6958, 0.5828,
0.2984


■ 27.3528, 0.4624,
0.2831

■ 32.3771, 0.4280,
0.2875


■ 38.9284, 0.3977,
0.2940

■ 47.1186, 0.3720,
0.3017

 57.0493, 0.3507,
0.3097

 68.8135, 0.3333,
0.3177

 82.4979, 0.3191,
0.3252

 97.7945, 0.3075,
0.3317

Harmonies

Analogous

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



21.3579, 0.4055, 0.2161



21.3579, 0.5362, 0.2856



21.3579, 0.5765, 0.3630

Triad

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



21.3579, 0.5362, 0.2856



21.3579, 0.3055, 0.5961



21.3579, 0.1175, 0.1530

Complementary

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



21.3579, 0.5362, 0.2856



68.4952, 0.2508, 0.4128

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.



21.3579, 0.1036, 0.2026



21.3579, 0.5362, 0.2856



21.3579, 0.1957, 0.4969

Square

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



21.3579, 0.5362, 0.2856



21.3579, 0.4226, 0.5488



21.3579, 0.1255, 0.3190



21.3579, 0.1669, 0.1443

Rectangle

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



21.3579, 0.5362, 0.2856



21.3579, 0.5494, 0.4206



21.3579, 0.1255, 0.3190



21.3579, 0.1092, 0.1640

Sweetspot

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



21.3592, 0.5362, 0.2856



62.0878, 0.3523, 0.3091



17.6908, 0.2565, 0.1255



12.4377, 0.3594, 0.3063



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.



21.3592, 0.5362, 0.2856



21.7655, 0.5834, 0.2988



24.7537, 0.5810, 0.3567



16.5625, 0.3247, 0.3221



10.7301, 0.5787, 0.2962



0.9603, 0.5433, 0.2767

Inverse Universe

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



21.3592, 0.5362, 0.2856



21.7655, 0.5834, 0.2988



49.3371, 0.2118, 0.2730



16.5625, 0.3247, 0.3221



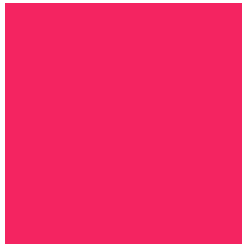
10.7301, 0.5787, 0.2962



0.9603, 0.5433, 0.2767

Previews

White Background



This preview shows how the Yxy color 21.3579, 0.5362, 0.2856 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 21.3579, 0.5362, 0.2856 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 21.3579, 0.5362, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 21.3579, 0.5362, 0.2856.



This preview shows how white text looks on a background with the Yxy color 21.3579, 0.5362, 0.2856.

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

21.3579, 0.5362, 0.2856

Protanopia

21.5741, 0.3031, 0.3113

Deuteranopia

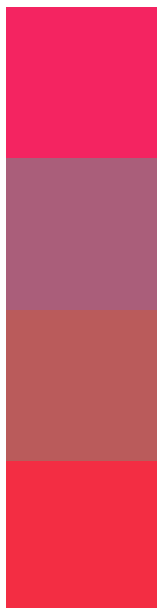
21.3795, 0.3953, 0.3874



Tritanopia

21.3887, 0.5911, 0.3298

Trichromacy



Original Color

21.3579, 0.5362, 0.2856

Protanomaly

17.9566, 0.3845, 0.2866

Deuteranomaly

18.6766, 0.4565, 0.3294

Tritanomaly

21.3367, 0.5754, 0.3155

Monochromacy



Original Color

21.3579, 0.5362, 0.2856

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.7646, 0.4040, 0.2931

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.3579, 0.5362, 0.2856 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, 36, 97)` looks like.

```
.text, #text, p{  
    color:rgb(244, 36, 97)  
}
```

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, 36, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 36, 97) }
```

Border

The CSS property to change the border of an element to Yxy 21.3579, 0.5362, 0.2856 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, 36, 97) }
```

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

```
.border{ border-color:rgb(244, 36, 97) }
```

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

Here you see how a box with a 4 pixel rgb(244, 36, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 36, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 36, 97);  
box-shadow:4px 4px 4px 4px rgb(244, 36,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 21.3579, 0.5362, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 36, 97) }
```

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

```
.background{ background-color: rgb(244, 36,  
97) }
```

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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