

Converting Colors

$Y_{xy}(21.6970, 0.5090, 0.2908)$

Have a look what the booklet for
Yxy(21.6970, 0.5090, 0.2908)
contains.

Yxy(21.7034, 0.5085, 0.2905)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.7034, 0.5085, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	EA3C67
RGB	234, 60, 103
RGB Percent	92%, 24%, 40%
CMY	0.0824, 0.7645, 0.5961
CMYK	0.00, 0.74, 0.56, 0.08
HSL	345°, 81%, 58%
HSV	345°, 74%, 92%
XYZ	37.9903, 21.7034, 15.0168
YIQ	116.9280, 89.9010, 50.2610

Conversions

Conversions Part 2

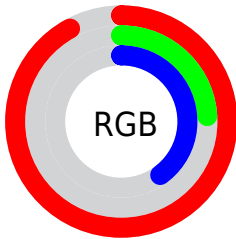
Format	Color
RYB	234, 60, 103
Decimal	15350887
CIELab	53.71, 67.83, 16.86
CIELCh	54, 69.897, 13.957
Yxy	21.7034, 0.5085, 0.2905
Android (android.graphics.Color)	4293540967 (0xFFEA3C67)
YUV	116.9280, -6.8665, 102.6721
Hunter-Lab	46.5869, 64.0345, 13.4993

Details

The Yxy color **21.7034, 0.5085, 0.2905** 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 **63.5586, 0.2486, 0.3883**, and the grayscale version is **17.7729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2678, 0.4275, 0.2955**, and **9.0661, 0.5635, 0.2878** is the 20% darker color. If you saturate the color by 10%, you get **19.4521, 0.5473, 0.2938**, and if you desaturate by 10%, it is **25.1148, 0.4692, 0.2911**.

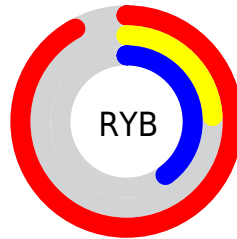
Distribution



Red (92%)

Green (24%)

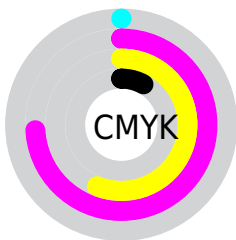
Blue (40%)



Red (92%)

Yellow (24%)

Blue (40%)

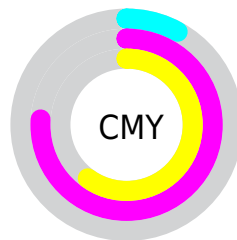


Cyan (0%)

Magenta (74%)

Yellow (56%)

Black (8%)



Cyan (8%)


Magenta (76%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.7034, 0.5085, 0.2905 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 21.7034, 0.5085, 0.2905 by changing the saturation by 10% instead.


 21.7034, 0.5085,
0.2905


 21.7034, 0.5085,
0.2905


260.9934, 0.3986,
0.3164

 13.6391, 0.5395,
0.2814


 46.2553, 0.4658,
0.3018

 7.8701, 0.5810,
0.2678


 63.5117, 0.4506,
0.3054


 4.0119, 0.6383,
0.2467

 84.6009, 0.4380,
0.3083

 1.6802, 0.7263,
0.2135

 109.9074, 0.4276,
0.3106

 0.4108, 0.8685,
0.1315

 139.8155, 0.4187,
0.3124

 0.0000, 1.0000,
0.0000

174.7096, 0.4110,

 0.0000, 0.0000,

0.3140

0.0000

214.9741, 0.4044,
0.3153

■ 21.7034, 0.5085,
0.2905

■ 21.7034, 0.5085,
0.2905

■ 19.4521, 0.5473,
0.2938

■ 25.1148, 0.4692,
0.2911

■ 18.1975, 0.5813,
0.3013

■ 29.8134, 0.4327,
0.2947


■ 17.7920, 0.5974,
0.3065


■ 35.9138, 0.4006,
0.3002


■ 43.5167, 0.3735,
0.3067

■ 52.7136, 0.3512,
0.3134

 63.5886, 0.3330,
0.3201

 76.2199, 0.3182,
0.3264

 90.6807, 0.3062,
0.3323

 96.2288, 0.2999,
0.3290

Harmonies

Analogous

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



21.7034, 0.3918, 0.2250



21.7034, 0.5085, 0.2905



21.7034, 0.5513, 0.3645

Triad

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



21.7034, 0.5085, 0.2905



21.7034, 0.3158, 0.5636



21.7034, 0.1319, 0.1694

Complementary

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



21.7034, 0.5085, 0.2905



63.5586, 0.2486, 0.3883

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.



21.7034, 0.1203, 0.2193



21.7034, 0.5085, 0.2905



21.7034, 0.2130, 0.4788

Square

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



21.7034, 0.5085, 0.2905



21.7034, 0.4231, 0.5293



21.7034, 0.1444, 0.3273



21.7034, 0.1780, 0.1590

Rectangle

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



21.7034, 0.5085, 0.2905



21.7034, 0.5322, 0.4182



21.7034, 0.1444, 0.3273



21.7034, 0.1244, 0.1808

Sweetspot

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



21.7047, 0.5085, 0.2905



66.8523, 0.3468, 0.3149



20.1871, 0.2746, 0.1466



13.5883, 0.3522, 0.3131



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.



21.7047, 0.5085, 0.2905



22.7343, 0.5654, 0.2972



27.6219, 0.5301, 0.3693



15.1150, 0.3254, 0.3232



10.0170, 0.5936, 0.3044



0.8015, 0.5546, 0.2829

Inverse Universe

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



21.7047, 0.5085, 0.2905



22.7343, 0.5654, 0.2972



43.9435, 0.2153, 0.2686



15.1150, 0.3254, 0.3232



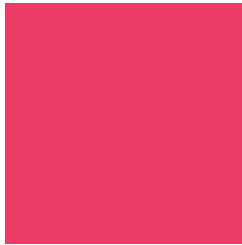
10.0170, 0.5936, 0.3044



0.8015, 0.5546, 0.2829

Previews

White Background



This preview shows how the Yxy color 21.7034, 0.5085, 0.2905 looks on a white background.

Color Contrast Check

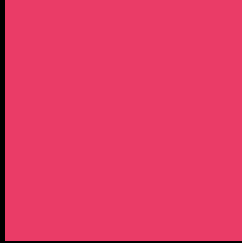
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7034, 0.5085, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

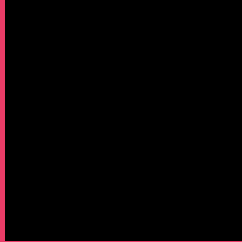
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 21.7034, 0.5085, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 21.7034, 0.5085, 0.2905.



This preview shows how white text looks on a background with the Yxy color 21.7034, 0.5085, 0.2905.

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

21.7034, 0.5085, 0.2905

Protanopia

21.8830, 0.3053, 0.3149

Deuteranopia

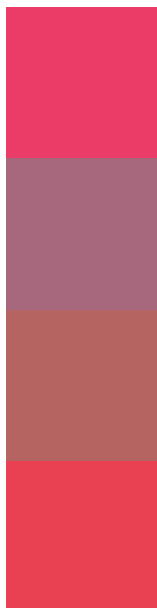
21.6675, 0.3836, 0.3761



Tritanopia

21.6123, 0.5510, 0.3272

Trichromacy



Original Color

21.7034, 0.5085, 0.2905

Protanomaly

19.3712, 0.3739, 0.2966

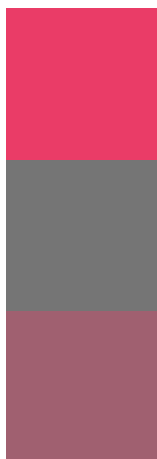
Deuteranomaly

19.9413, 0.4340, 0.3322

Tritanomaly

21.5996, 0.5375, 0.3141

Monochromacy



Original Color

21.7034, 0.5085, 0.2905

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.0092, 0.3852, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.7034, 0.5085, 0.2905 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(234, 60, 103)` looks like.

```
.text, #text, p{  
    color:rgb(234, 60, 103)  
}
```

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(234, 60, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 60, 103) }
```

Border

The CSS property to change the border of an element to Yxy 21.7034, 0.5085, 0.2905 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(234, 60, 103) }
```

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

```
.border{ border-color:rgb(234, 60, 103) }
```

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

Here you see how a box with a 4 pixel rgb(234, 60, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 60, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 60, 103);  
box-shadow:4px 4px 4px 4px rgb(234, 60,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 21.7034, 0.5085, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 60, 103) }
```

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

```
.background{ background-color: rgb(234, 60,  
103) }
```

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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