

Converting Colors

$Yxy(21.3347, 0.4906, 0.2958)$

Have a look what the booklet for
Yxy(21.3347, 0.4906, 0.2958)
contains.

Yxy(21.3532, 0.4916, 0.2958)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(21.3532, 0.4916, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	E04768
RGB	224, 71, 104
RGB Percent	88%, 28%, 41%
CMY	0.1216, 0.7214, 0.5922
CMYK	0.00, 0.68, 0.54, 0.12
HSL	347°, 71%, 58%
HSV	347°, 68%, 88%
XYZ	35.4876, 21.3532, 15.3472
YIQ	120.5090, 80.5950, 42.6990

Conversions

Conversions Part 2

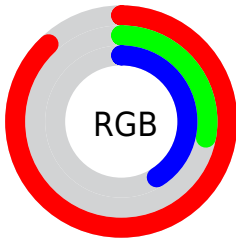
Format	Color
R_{YB}	224, 71, 104
Decimal	14698344
CIE _{Lab}	53.33, 61.19, 15.46
CIE _{LCh}	53, 63.108, 14.177
Yxy	21.3532, 0.4916, 0.2958
Android (android.graphics.Color)	4292888424 (0xFFE04768)
YUV	120.5090, -8.1389, 90.7616
Hunter-Lab	46.2095, 56.2163, 12.6552

Details

The Yxy color **21.3532, 0.4916, 0.2958** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **58.4035, 0.2484, 0.3754**, and the grayscale version is **18.9657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0649, 0.4234, 0.3014**, and **8.0819, 0.5555, 0.2834** is the 20% darker color. If you saturate the color by 10%, you get **18.6892, 0.5325, 0.2969**, and if you desaturate by 10%, it is **25.1435, 0.4521, 0.2978**.

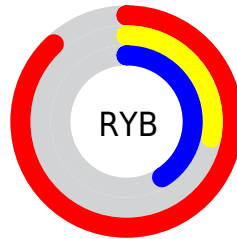
Distribution



Red (88%)

Green (28%)

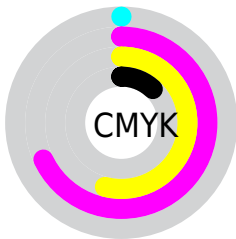
Blue (41%)



Red (88%)

Yellow (28%)

Blue (41%)

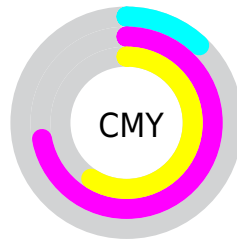


Cyan (0%)

Magenta (68%)

Yellow (54%)

Black (12%)



Cyan (12%)


Magenta (72%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.3532, 0.4916, 0.2958 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 21.3532, 0.4916, 0.2958 by changing the saturation by 10% instead.


 21.3532, 0.4916,
0.2958


 21.3532, 0.4916,
0.2958


259.1496, 0.3906,
0.3182


 13.3824, 0.5205,
0.2878


 45.6746, 0.4521,
0.3056

 7.6924, 0.5597,
0.2758


 62.7941, 0.4381,
0.3088


 3.8988, 0.6148,
0.2566

 83.7318, 0.4266,
0.3112

 1.6171, 0.7008,
0.2257

 108.8723, 0.4170,
0.3132

 0.3691, 0.8615,
0.1385

 138.6000, 0.4089,
0.3148

 0.0000, 1.0000,
0.0000

173.2992, 0.4020,

 0.0000, 0.0000,

0.3161

0.0000

213.3542, 0.3959,
0.3172

■ 21.3532, 0.4916,
0.2958

■ 21.3532, 0.4916,
0.2958

■ 18.6892, 0.5325,
0.2969

■ 25.1435, 0.4521,
0.2978

■ 17.0213, 0.5706,
0.3018

■ 30.1641, 0.4167,
0.3019


■ 16.1689, 0.6014,
0.3099


■ 36.5112, 0.3864,
0.3073


■ 16.0596, 0.6059,
0.3112


■ 44.2706, 0.3613,
0.3131

■ 53.5205, 0.3407,
0.3190

 64.3337, 0.3241,
0.3246

 76.7780, 0.3106,
0.3299

 90.9173, 0.2997,
0.3347

 94.5840, 0.2940,
0.3289

Harmonies

Analogous

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



21.3532, 0.3863, 0.2334



21.3532, 0.4916, 0.2958



21.3532, 0.5323, 0.3668

Triad

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



21.3532, 0.4916, 0.2958



21.3532, 0.3186, 0.5403



21.3532, 0.1439, 0.1809

Complementary

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



21.3532, 0.4916, 0.2958



58.4035, 0.2484, 0.3754

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.



21.3532, 0.1330, 0.2290



21.3532, 0.4916, 0.2958



21.3532, 0.2222, 0.4621

Square

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



21.3532, 0.4916, 0.2958



21.3532, 0.4184, 0.5162



21.3532, 0.1569, 0.3283



21.3532, 0.1884, 0.1704

Rectangle

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



21.3532, 0.4916, 0.2958



21.3532, 0.5168, 0.4175



21.3532, 0.1569, 0.3283



21.3532, 0.1367, 0.1920

Sweetspot

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



21.3544, 0.4916, 0.2958



69.3516, 0.3442, 0.3179



20.9475, 0.2843, 0.1603



14.0707, 0.3498, 0.3162



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.



21.3544, 0.4916, 0.2958



23.9609, 0.5495, 0.2986



28.4175, 0.5004, 0.3749



13.7486, 0.3258, 0.3240



9.3637, 0.6025, 0.3093



0.6623, 0.5595, 0.2856

Inverse Universe

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



21.3544, 0.4916, 0.2958



23.9609, 0.5495, 0.2986



39.6253, 0.2188, 0.2667



13.7486, 0.3258, 0.3240



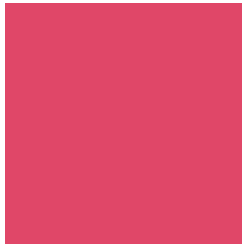
9.3637, 0.6025, 0.3093



0.6623, 0.5595, 0.2856

Previews

White Background



This preview shows how the Yxy color 21.3532, 0.4916, 0.2958 looks on a white background.

Color Contrast Check

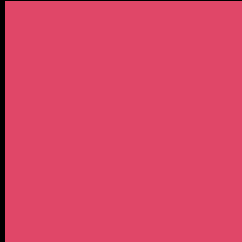
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3532, 0.4916, 0.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

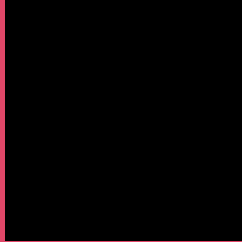
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.3532, 0.4916, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 21.3532, 0.4916, 0.2958.



This preview shows how white text looks on a background with the Yxy color 21.3532, 0.4916, 0.2958.

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

21.3532, 0.4916, 0.2958

Protanopia

21.5118, 0.3096, 0.3201

Deuteranopia

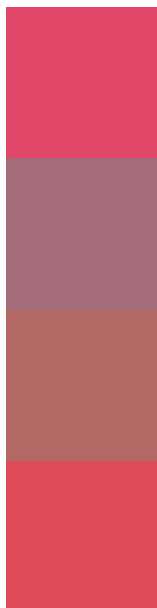
21.6083, 0.3798, 0.3730



Tritanopia

21.4360, 0.5237, 0.3257

Trichromacy



Original Color

21.3532, 0.4916, 0.2958

Protanomaly

19.8130, 0.3713, 0.3055

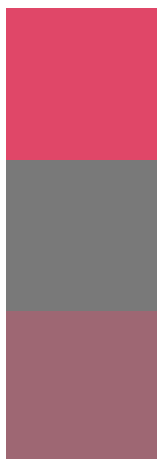
Deuteranomaly

20.2857, 0.4232, 0.3352

Tritanomaly

21.3068, 0.5121, 0.3146

Monochromacy



Original Color

21.3532, 0.4916, 0.2958

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.2074, 0.3748, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.3532, 0.4916, 0.2958 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(224, 71, 104)` looks like.

```
.text, #text, p{  
    color:rgb(224, 71, 104)  
}
```

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(224, 71, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 71, 104) }
```

Border

The CSS property to change the border of an element to Yxy 21.3532, 0.4916, 0.2958 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(224, 71, 104) }
```

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

```
.border{ border-color:rgb(224, 71, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 71, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 71, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 71, 104);  
box-shadow:4px 4px 4px 4px rgb(224, 71,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 21.3532, 0.4916, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 71, 104) }
```

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

```
.background{ background-color: rgb(224, 71,  
104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor