

Converting Colors

$Yxy(14.6636, 0.5295, 0.3063)$

Have a look what the booklet for
Yxy(14.6636, 0.5295, 0.3063)
contains.

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Color

Yxy(14.7190, 0.5301, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	C53349
RGB	197, 51, 73
RGB Percent	77%, 20%, 29%
CMY	0.2276, 0.7998, 0.7138
CMYK	0.00, 0.74, 0.63, 0.23
HSL	351°, 59%, 49%
HSV	351°, 74%, 77%
XYZ	25.4072, 14.7190, 7.8028
YIQ	97.1620, 79.9540, 37.7940

Conversions

Conversions Part 2

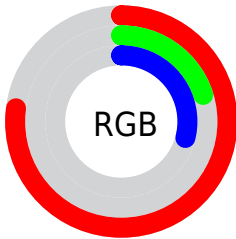
Format	Color
R_{YB}	197, 51, 73
Decimal	12923721
CIE Lab	45.25, 58.09, 22.52
CIE LCh	45, 62.308, 21.193
Yxy	14.7190, 0.5301, 0.3071
Android (android.graphics.Color)	4291113801 (0xFFC53349)
YUV	97.1620, -11.9119, 87.5579
Hunter-Lab	38.3653, 51.0710, 14.7972

Details

The Yxy color **14.7190, 0.5301, 0.3071** is a dark color, and the websafe version is hex **990033**. The color can be described as dark muted red. A complement of this color would be **43.7228, 0.2417, 0.3635**, and the grayscale version is **12.0162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5778, 0.4747, 0.3178**, and **5.3280, 0.5961, 0.3058** is the 20% darker color. If you saturate the color by 10%, you get **13.1534, 0.5713, 0.3100**, and if you desaturate by 10%, it is **17.0749, 0.4868, 0.3069**.

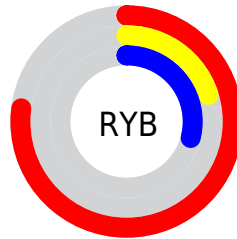
Distribution



Red (77%)

Green (20%)

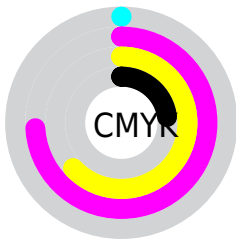
Blue (29%)



Red (77%)

Yellow (20%)

Blue (29%)

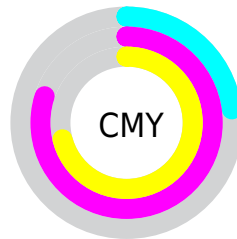


Cyan (0%)

Magenta (74%)

Yellow (63%)

Black (23%)



Cyan (23%)


Magenta (80%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7190, 0.5301, 0.3071 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 14.7190, 0.5301, 0.3071 by changing the saturation by 10% instead.


 14.7190, 0.5301,
0.3071


 14.7190, 0.5301,
0.3071


221.6590, 0.4015,
0.3270

 8.6224, 0.5690,
0.2972


 34.3595, 0.4782,
0.3175


 4.4957, 0.6223,
0.2803

 48.6721, 0.4603,
0.3203


 1.9545, 0.7107,
0.2550

 66.4923, 0.4458,
0.3224

 0.5809, 0.8145,
0.1855

 88.2043, 0.4338,
0.3238

 0.0000, 1.0000,
0.0000

 114.1926, 0.4237,
0.3250

 0.0000, 0.0000,
0.0000

 144.8416, 0.4152,

0.3258

180.5356, 0.4079,
0.3265

■ 14.7190, 0.5301,
0.3071

■ 14.7190, 0.5301,
0.3071

■ 13.1534, 0.5713,
0.3100

■ 17.0749, 0.4868,
0.3069

■ 12.2715, 0.6049,
0.3156

■ 20.3049, 0.4460,
0.3087

■ 11.9586, 0.6201,
0.3190

■ 24.4847, 0.4101,
0.3118

■ 29.6813, 0.3798,
0.3157

■ 35.9556, 0.3549,
0.3197

■ 43.3635, 0.3347,
0.3237

■ 51.9573, 0.3184,
0.3275

■ 61.7859, 0.3053,
0.3310

■ 72.8954, 0.2946,
0.3343

Harmonies

Analogous

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



14.7190, 0.4250, 0.2384



14.7190, 0.5301, 0.3071



14.7190, 0.5510, 0.3832

Triad

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



14.7190, 0.5301, 0.3071



14.7190, 0.2887, 0.5589



14.7190, 0.1379, 0.1620

Complementary

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



14.7190, 0.5301, 0.3071



43.7228, 0.2417, 0.3635

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.



14.7190, 0.1182, 0.2010



14.7190, 0.5301, 0.3071



14.7190, 0.1906, 0.4448

Square

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



14.7190, 0.5301, 0.3071



14.7190, 0.3982, 0.5475



14.7190, 0.1328, 0.2945



14.7190, 0.1938, 0.1595

Rectangle

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



14.7190, 0.5301, 0.3071



14.7190, 0.5199, 0.4390



14.7190, 0.1328, 0.2945



14.7190, 0.1277, 0.1703

Sweetspot

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



14.7199, 0.5301, 0.3071



66.5821, 0.3511, 0.3204



15.2470, 0.2902, 0.1557



13.5256, 0.3572, 0.3193



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.



14.7199, 0.5301, 0.3071



22.4425, 0.5936, 0.3132



21.1618, 0.5113, 0.3844



10.6625, 0.3266, 0.3256



7.8758, 0.6176, 0.3176



0.3815, 0.5671, 0.2898

Inverse Universe

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



14.7199, 0.5301, 0.3071



22.4425, 0.5936, 0.3132



26.0197, 0.2108, 0.2483



10.6625, 0.3266, 0.3256



7.8758, 0.6176, 0.3176



0.3815, 0.5671, 0.2898

Previews

White Background



This preview shows how the Yxy color 14.7190, 0.5301, 0.3071 looks on a white 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

Black Background



This preview shows how the Yxy color 14.7190, 0.5301, 0.3071 looks on a black 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

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

Yxy 14.7190, 0.5301, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 14.7190, 0.5301, 0.3071.



This preview shows how white text looks on a background with the Yxy color 14.7190, 0.5301, 0.3071.

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

14.7190, 0.5301, 0.3071

Protanopia

15.0329, 0.3326, 0.3521

Deuteranopia

14.9191, 0.4068, 0.3995



Tritanopia

14.6596, 0.5545, 0.3278

Trichromacy



Original Color

14.7190, 0.5301, 0.3071

Protanomaly

13.3606, 0.4043, 0.3275

Deuteranomaly

13.7389, 0.4572, 0.3537

Tritanomaly

14.6298, 0.5461, 0.3208

Monochromacy



Original Color

14.7190, 0.5301, 0.3071

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.4284, 0.3928, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7190, 0.5301, 0.3071 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(197, 51, 73)` looks like.

```
.text, #text, p{  
    color:rgb(197, 51, 73)  
}
```

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(197, 51, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 51, 73) }
```

Border

The CSS property to change the border of an element to Yxy 14.7190, 0.5301, 0.3071 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(197, 51, 73) }
```

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

```
.border{ border-color:rgb(197, 51, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 51, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 51, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 51, 73);  
box-shadow:4px 4px 4px 4px rgb(197, 51,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7190, 0.5301, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 51, 73) }
```

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

```
.background{ background-color: rgb(197, 51,  
73) }
```

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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