

Converting Colors

$Yxy(51.2727, 0.3300, 0.3092)$

Have a look what the booklet for
Yxy(51.2727, 0.3300, 0.3092)
contains.

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Color

Yxy(51.2727, 0.3300, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	D8B4C5
RGB	216, 180, 197
RGB Percent	85%, 71%, 77%
CMY	0.1529, 0.2941, 0.2275
CMYK	0.00, 0.17, 0.09, 0.15
HSL	332°, 32%, 78%
HSV	332°, 17%, 85%
XYZ	54.7218, 51.2727, 59.8292
YIQ	192.7020, 15.9990, 12.9190

Conversions

Conversions Part 2

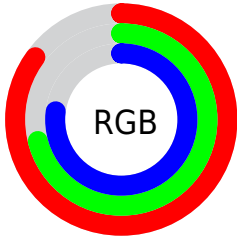
Format	Color
R _Y B	216, 180, 197
Decimal	14202053
CIE Lab	76.84, 15.76, -3.74
CIE LCh	77, 16.201, 346.663
Yxy	51.2727, 0.3300, 0.3092
Android (android.graphics.Color)	4292392133 (0xFFD8B4C5)
YUV	192.7020, 2.1189, 20.4323
Hunter-Lab	71.6050, 11.1043, 0.5840

Details

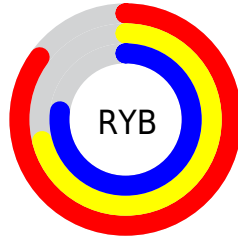
The Yxy color **51.2727, 0.3300, 0.3092** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.9511, 0.2983, 0.3497**, and the grayscale version is **53.1267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4067, 0.3142, 0.3117**, and **24.7390, 0.3351, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **42.7187, 0.3433, 0.2966**, and if you desaturate by 10%, it is **61.2301, 0.3190, 0.3213**.

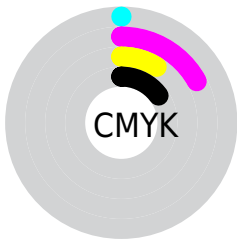
Distribution



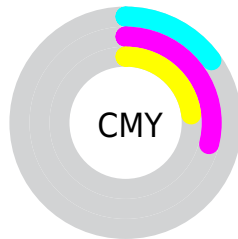
- Red (85%)
- Green (71%)
- Blue (77%)



- Red (85%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (15%)




- Cyan (15%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2727, 0.3300, 0.3092 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 51.2727, 0.3300, 0.3092 by changing the saturation by 10% instead.


 51.2727, 0.3300,
0.3092

 51.2727, 0.3300,
0.3092

391.6224, 0.3216,
0.3188

 36.4257, 0.3320,
0.3069

 92.0577, 0.3270,
0.3126

 24.7631, 0.3346,
0.3040


118.7646, 0.3258,
0.3139

 15.9007, 0.3380,
0.3001


150.1934, 0.3249,
0.3150

 9.4539, 0.3427,
0.2950

186.7287, 0.3240,
0.3160

 5.0384, 0.3494,
0.2875

228.7549, 0.3233,
0.3168

 2.2698, 0.3600,
0.2760

276.6563, 0.3226,

 0.7577, 0.3800,

0.3176

0.2540

330.8173, 0.3221,
0.3182

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.2727, 0.3300,
0.3092

51.2727, 0.3300,
0.3092

42.7187, 0.3433,
0.2966

61.2301, 0.3190,
0.3213

35.4975, 0.3592,
0.2840

72.6437, 0.3099,
0.3327

29.5430, 0.3779,
0.2718

85.5717, 0.3024,
0.3433

24.7803, 0.3995,
0.2611

92.5717, 0.2960,
0.3417

■ 21.1267, 0.4236,
0.2530

■ 93.2815, 0.2899,
0.3299

■ 18.4886, 0.4496,
0.2488

■ 93.3423, 0.2894,
0.3289

■ 16.7571, 0.4762,
0.2496

■ 15.7923, 0.5019,
0.2558

■ 15.5595, 0.5102,
0.2584

Harmonies

Analogous

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



51.2727, 0.3078, 0.2968



51.2727, 0.3300, 0.3092



51.2727, 0.3479, 0.3266

Triad

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



51.2727, 0.3300, 0.3092



51.2727, 0.3375, 0.3677



51.2727, 0.2712, 0.3105

Complementary

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



51.2727, 0.3300, 0.3092



62.9511, 0.2983, 0.3497

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.



51.2727, 0.2785, 0.3300



51.2727, 0.3300, 0.3092



51.2727, 0.3164, 0.3641

Square

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



51.2727, 0.3300, 0.3092



51.2727, 0.3522, 0.3603



51.2727, 0.2949, 0.3500



51.2727, 0.2744, 0.2970

Rectangle

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



51.2727, 0.3300, 0.3092



51.2727, 0.3547, 0.3391



51.2727, 0.2949, 0.3500



51.2727, 0.2725, 0.3165

Sweetspot

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



51.2750, 0.3300, 0.3092



91.7069, 0.3174, 0.3232



49.6898, 0.3004, 0.2861



19.3890, 0.3181, 0.3224



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.



51.2750, 0.3300, 0.3092



70.0503, 0.3344, 0.3048



50.7824, 0.3442, 0.3298



12.5174, 0.3218, 0.3181



9.2290, 0.5066, 0.2565



0.5733, 0.4662, 0.2342

Inverse Universe

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



51.2750, 0.3300, 0.3092



70.0503, 0.3344, 0.3048



63.4780, 0.2876, 0.3282



12.5174, 0.3218, 0.3181



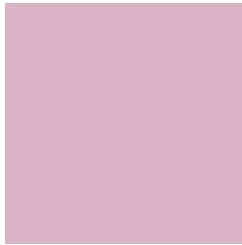
9.2290, 0.5066, 0.2565



0.5733, 0.4662, 0.2342

Previews

White Background



This preview shows how the Yxy color 51.2727, 0.3300, 0.3092 looks on a white background.

Color Contrast Check

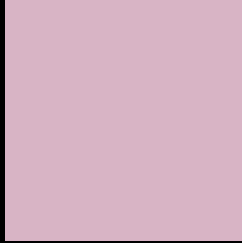
Large Text (above 18pt) WCAG AA × Fail

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 51.2727, 0.3300, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

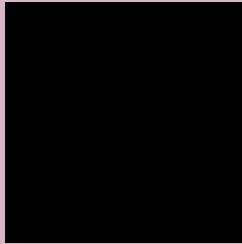
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2727, 0.3300, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 51.2727, 0.3300, 0.3092.



This preview shows how white text looks on a background with the Yxy color 51.2727, 0.3300, 0.3092.

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

51.2727, 0.3300, 0.3092

Protanopia

51.6066, 0.3038, 0.3130

Deuteranopia

51.2456, 0.3210, 0.3146



Tritanopia

51.1365, 0.3325, 0.3127

Trichromacy



Original Color

51.2727, 0.3300, 0.3092

Protanomaly

51.4301, 0.3127, 0.3120

Deuteranomaly

51.4078, 0.3245, 0.3136

Tritanomaly

51.1816, 0.3316, 0.3115

Monochromacy



Original Color

51.2727, 0.3300, 0.3092

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.2790, 0.3188, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2727, 0.3300, 0.3092 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(216, 180, 197)` looks like.

```
.text, #text, p{  
    color:rgb(216, 180, 197)  
}
```

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(216, 180, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 180, 197) }
```

Border

The CSS property to change the border of an element to Yxy 51.2727, 0.3300, 0.3092 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(216, 180, 197) }
```

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

```
.border{ border-color:rgb(216, 180, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 180, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 180, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 180, 197);  
box-shadow:4px 4px 4px 4px rgb(216, 180,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2727, 0.3300, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 180, 197) }
```

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

```
.background{ background-color: rgb(216,  
180, 197) }
```

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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