

Converting Colors

Yxy(53.0515, 0.3181, 0.2966)

Have a look what the booklet for
Yxy(53.0515, 0.3181, 0.2966)
contains.

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Color

Yxy(53.1691, 0.3184, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	D8B7D3
RGB	216, 183, 211
RGB Percent	85%, 72%, 83%
CMY	0.1528, 0.2824, 0.1725
CMYK	0.00, 0.15, 0.02, 0.15
HSL	309°, 30%, 78%
HSV	309°, 15%, 85%
XYZ	57.0193, 53.1691, 68.8924
YIQ	196.0590, 10.6800, 15.7040

Conversions

Conversions Part 2

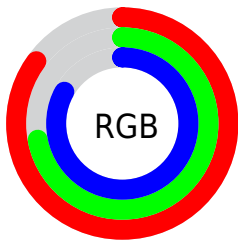
Format	Color
R _Y B	216, 183, 211
Decimal	14202835
CIE Lab	77.97, 16.63, -9.67
CIE LCh	78, 19.240, 329.816
Yxy	53.1691, 0.3184, 0.2969
Android (android.graphics.Color)	4292392915 (0xFFD8B7D3)
YUV	196.0590, 7.3659, 17.4883
Hunter-Lab	72.9171, 11.9774, -4.9754

Details

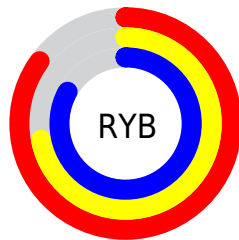
The Yxy color **53.1691, 0.3184, 0.2969** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.8287, 0.3075, 0.3634**, and the grayscale version is **55.1929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **25.9426, 0.3202, 0.2896** is the 20% darker color. If you saturate the color by 10%, you get **44.7704, 0.3228, 0.2753**, and if you desaturate by 10%, it is **62.9436, 0.3145, 0.3181**.

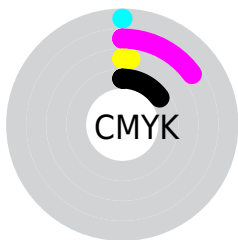
Distribution



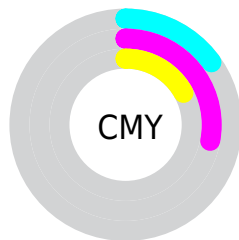
- Red (85%)
- Green (72%)
- Blue (83%)



- Red (85%)
- Yellow (72%)
- Blue (83%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (15%)





- Cyan (15%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1691, 0.3184, 0.2969 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 53.1691, 0.3184, 0.2969 by changing the saturation by 10% instead.

 53.1691, 0.3184,
0.2969

 53.1691, 0.3184,
0.2969

398.9336, 0.3158,
0.3122

 37.9378, 0.3190,
0.2933

 94.8532, 0.3175,
0.3023

 25.9344, 0.3197,
0.2888


122.0747, 0.3172,
0.3044

 16.7746, 0.3206,
0.2830


154.0617, 0.3169,
0.3061

 10.0739, 0.3217,
0.2752

191.1987, 0.3166,
0.3077

 5.4480, 0.3232,
0.2643

233.8699, 0.3164,
0.3090

 2.5124, 0.3253,
0.2479

282.4599, 0.3162,

 0.8829, 0.3281,

0.3102

0.2206

337.3530, 0.3160,
0.3113

0.0000, 0.3086,
0.0000

0.0000, 0.0000,
0.0000

53.1691, 0.3184,
0.2969

53.1691, 0.3184,
0.2969

44.7704, 0.3228,
0.2753

62.9436, 0.3145,
0.3181

37.6782, 0.3276,
0.2539

74.1452, 0.3112,
0.3384

31.8281, 0.3330,
0.2335

86.8311, 0.3083,
0.3576

27.1470, 0.3386,
0.2151

91.5149, 0.3062,
0.3613

■ 23.5543, 0.3445,
0.1996

■ 91.6950, 0.3044,
0.3578

■ 20.9593, 0.3504,
0.1880

■ 91.8787, 0.3026,
0.3543

■ 19.2564, 0.3561,
0.1808

■ 92.0658, 0.3008,
0.3508

■ 18.3165, 0.3615,
0.1782

■ 92.2564, 0.2990,
0.3473

■ 18.0312, 0.3640,
0.1779

■ 92.4506, 0.2972,
0.3438

Harmonies

Analogous

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



53.1691, 0.2929, 0.2873



53.1691, 0.3184, 0.2969



53.1691, 0.3433, 0.3142

Triad

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



53.1691, 0.3184, 0.2969



53.1691, 0.3527, 0.3709



53.1691, 0.2676, 0.3194

Complementary

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



53.1691, 0.3184, 0.2969



62.8287, 0.3075, 0.3634

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.



53.1691, 0.2824, 0.3438



53.1691, 0.3184, 0.2969



53.1691, 0.3313, 0.3745

Square

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



53.1691, 0.3184, 0.2969



53.1691, 0.3635, 0.3563



53.1691, 0.3055, 0.3645



53.1691, 0.2644, 0.2991

Rectangle

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



53.1691, 0.3184, 0.2969



53.1691, 0.3557, 0.3283



53.1691, 0.3055, 0.3645



53.1691, 0.2713, 0.3274

Sweetspot

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



53.1714, 0.3184, 0.2969



92.0089, 0.3145, 0.3186



49.5075, 0.2919, 0.2887



19.4625, 0.3147, 0.3171



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.



53.1714, 0.3184, 0.2969



73.6885, 0.3196, 0.2907



52.3878, 0.3316, 0.3155



12.5987, 0.3161, 0.3095



10.6813, 0.3632, 0.1775



0.6532, 0.3548, 0.1728

Inverse Universe

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



53.1714, 0.3184, 0.2969



73.6885, 0.3196, 0.2907



63.5795, 0.2969, 0.3429



12.5987, 0.3161, 0.3095



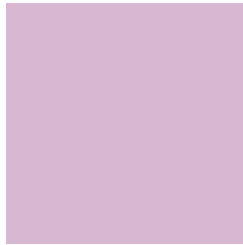
10.6813, 0.3632, 0.1775



0.6532, 0.3548, 0.1728

Previews

White Background



This preview shows how the Yxy color 53.1691, 0.3184, 0.2969 looks on a white background.

Color Contrast Check

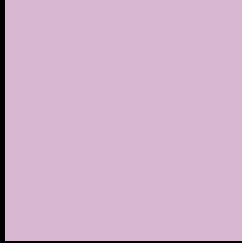
Large Text (above 18pt) WCAG AA × Fail

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 53.1691, 0.3184, 0.2969 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 53.1691, 0.3184, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 53.1691, 0.3184, 0.2969.



This preview shows how white text looks on a background with the Yxy color 53.1691, 0.3184, 0.2969.

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

53.1691, 0.3184, 0.2969

Protanopia

53.4760, 0.2930, 0.3000

Deuteranopia

53.4570, 0.3091, 0.3031



Tritanopia

53.1176, 0.3261, 0.3127

Trichromacy



Original Color

53.1691, 0.3184, 0.2969

Protanomaly

53.3923, 0.3021, 0.2993

Deuteranomaly

53.1809, 0.3124, 0.3009

Tritanomaly

53.0398, 0.3238, 0.3070

Monochromacy



Original Color

53.1691, 0.3184, 0.2969

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1752, 0.3149, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1691, 0.3184, 0.2969 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, 183, 211)` looks like.

```
.text, #text, p{  
    color:rgb(216, 183, 211)  
}
```

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, 183, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 183, 211) }
```

Border

The CSS property to change the border of an element to Yxy 53.1691, 0.3184, 0.2969 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, 183, 211) }
```

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

```
.border{ border-color:rgb(216, 183, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 183, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 183, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 183, 211);  
box-shadow:4px 4px 4px 4px rgb(216, 183,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1691, 0.3184, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 183, 211) }
```

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

```
.background{ background-color: rgb(216,  
183, 211) }
```

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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