

Converting Colors

$Y_{xy}(54.5269, 0.3129, 0.2788)$

Have a look what the booklet for
Yxy(54.5269, 0.3129, 0.2788)
contains.

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Color

Yxy(54.4411, 0.3126, 0.2784)

Conversions

Conversions Part 1

Format	Color
Hex	E0B5E3
RGB	224, 181, 227
RGB Percent	88%, 71%, 89%
CMY	0.1216, 0.2902, 0.1097
CMYK	0.01, 0.20, 0.00, 0.11
HSL	296°, 45%, 80%
HSV	296°, 20%, 89%
XYZ	61.1289, 54.4411, 79.9799
YIQ	199.1010, 10.8620, 23.4220

Conversions

Conversions Part 2

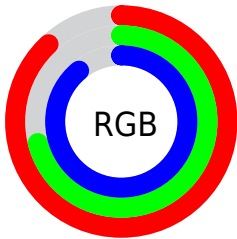
Format	Color
R_{YB}	224, 181, 227
Decimal	14726627
CIE _{Lab}	78.72, 23.32, -17.15
CIE _{LCh}	79, 28.949, 323.675
Yxy	54.4411, 0.3126, 0.2784
Android (android.graphics.Color)	4292916707 (0xFFE0B5E3)
YUV	199.1010, 13.7542, 21.8364
Hunter-Lab	73.7842, 18.7617, -12.6197

Details

The Yxy color **54.4411, 0.3126, 0.2784** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.4875, 0.3122, 0.3846**, and the grayscale version is **57.0889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **26.7417, 0.3113, 0.2658** is the 20% darker color. If you saturate the color by 10%, you get **45.7115, 0.3123, 0.2530**, and if you desaturate by 10%, it is **64.6819, 0.3127, 0.3037**.

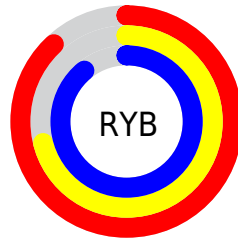
Distribution



Red (88%)

Green (71%)

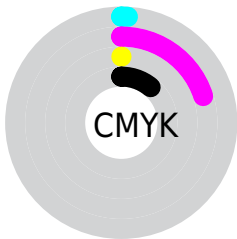
Blue (89%)



Red (88%)

Yellow (71%)

Blue (89%)

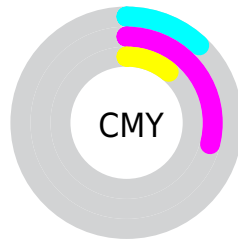


Cyan (1%)

Magenta (20%)

Yellow (0%)

Black (11%)



Cyan (12%)


Magenta (29%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4411, 0.3126, 0.2784 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 54.4411, 0.3126, 0.2784 by changing the saturation by 10% instead.

 54.4411, 0.3126,
0.2784

 54.4411, 0.3126,
0.2784

403.7898, 0.3131,
0.3020

 38.9544, 0.3124,
0.2730

 96.7216, 0.3128,
0.2866

 26.7243, 0.3121,
0.2662


124.2842, 0.3129,
0.2898

 17.3663, 0.3116,
0.2576


156.6409, 0.3130,
0.2926

 10.4960, 0.3108,
0.2464

194.1761, 0.3130,
0.2950

 5.7290, 0.3094,
0.2311

237.2742, 0.3130,
0.2971

 2.6810, 0.3067,
0.2089

286.3196, 0.3130,

 0.9676, 0.3007,

0.2989

0.1747

341.6967, 0.3130,
0.3006

■ 0.0000, 0.2934,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4411, 0.3126,
0.2784

■ 54.4411, 0.3126,
0.2784

■ 45.7115, 0.3123,
0.2530

■ 64.6819, 0.3127,
0.3037

■ 38.4133, 0.3117,
0.2284


■ 76.4946, 0.3127,
0.3283


■ 32.4701, 0.3110,
0.2056


■ 89.9453, 0.3126,
0.3517


■ 27.7952, 0.3100,
0.1855


■ 93.8894, 0.3132,
0.3575


 24.2926, 0.3087,
0.1690


 94.1389, 0.3142,
0.3574


 21.8518, 0.3073,
0.1568


 94.3905, 0.3151,
0.3573

 20.3419, 0.3058,
0.1490

 94.6443, 0.3160,
0.3573

 19.5467, 0.3042,
0.1449

 94.9003, 0.3170,
0.3572

 95.1584, 0.3179,
0.3571

Harmonies

Analogous

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



54.4411, 0.2762, 0.2671



54.4411, 0.3126, 0.2784



54.4411, 0.3512, 0.3012

Triad

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



54.4411, 0.3126, 0.2784



54.4411, 0.3769, 0.3873



54.4411, 0.2494, 0.3210

Complementary

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



54.4411, 0.3126, 0.2784



68.4875, 0.3122, 0.3846

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.



54.4411, 0.2736, 0.3585



54.4411, 0.3126, 0.2784



54.4411, 0.3470, 0.3982

Square

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



54.4411, 0.3126, 0.2784



54.4411, 0.3895, 0.3622



54.4411, 0.3091, 0.3880



54.4411, 0.2415, 0.2890

Rectangle

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



54.4411, 0.3126, 0.2784



54.4411, 0.3722, 0.3207



54.4411, 0.3091, 0.3880



54.4411, 0.2559, 0.3335

Sweetspot

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



54.4435, 0.3126, 0.2784



90.4323, 0.3127, 0.3143



49.6848, 0.2792, 0.2769



19.1432, 0.3127, 0.3127



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.



54.4435, 0.3126, 0.2784



66.2149, 0.3125, 0.2685



53.8957, 0.3310, 0.2999



14.5642, 0.3127, 0.3058



11.4166, 0.3044, 0.1451



0.8584, 0.3070, 0.1465

Inverse Universe

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



52.8494, 0.3504, 0.3256



63.8248, 0.3598, 0.3249



68.9937, 0.2979, 0.3601



14.3834, 0.3282, 0.3275



9.5503, 0.6328, 0.3260



0.7112, 0.6133, 0.3152

Previews

White Background



This preview shows how the Yxy color 54.4411, 0.3126, 0.2784 looks on a white background.

Color Contrast Check

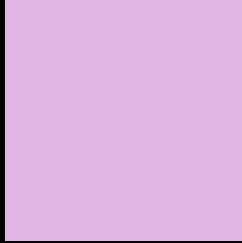
Large Text (above 18pt) WCAG AA × Fail

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 54.4411, 0.3126, 0.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

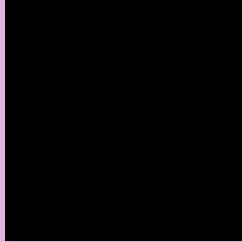
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4411, 0.3126, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 54.4411, 0.3126, 0.2784.



This preview shows how white text looks on a background with the Yxy color 54.4411, 0.3126, 0.2784.

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

54.4411, 0.3126, 0.2784

Protanopia

54.5772, 0.2783, 0.2797

Deuteranopia

54.5425, 0.2951, 0.2883



Tritanopia

54.5036, 0.3302, 0.3130

Trichromacy



Original Color

54.4411, 0.3126, 0.2784

Protanomaly

54.5007, 0.2902, 0.2795

Deuteranomaly

54.5869, 0.3013, 0.2846

Tritanomaly

54.3063, 0.3232, 0.2996

Monochromacy



Original Color

54.4411, 0.3126, 0.2784

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.7126, 0.3128, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4411, 0.3126, 0.2784 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, 181, 227)` looks like.

```
.text, #text, p{  
    color:rgb(224, 181, 227)  
}
```

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, 181, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 181, 227) }
```

Border

The CSS property to change the border of an element to Yxy 54.4411, 0.3126, 0.2784 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, 181, 227) }
```

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

```
.border{ border-color:rgb(224, 181, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 181, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 181, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 181, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 181,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4411, 0.3126, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 181, 227) }
```

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

```
.background{ background-color: rgb(224,  
181, 227) }
```

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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