

Converting Colors

$Y_{xy}(54.1776, 0.3110, 0.2787)$

Have a look what the booklet for
Yxy(54.1776, 0.3110, 0.2787)
contains.

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Color

Yxy(54.1234, 0.3110, 0.2782)

Conversions

Conversions Part 1

Format	Color
Hex	DEB5E3
RGB	222, 181, 227
RGB Percent	87%, 71%, 89%
CMY	0.1295, 0.2901, 0.1099
CMYK	0.02, 0.20, 0.00, 0.11
HSL	293°, 45%, 80%
HSV	293°, 20%, 89%
XYZ	60.5046, 54.1234, 79.9205
YIQ	198.5030, 9.6700, 22.9980

Conversions

Conversions Part 2

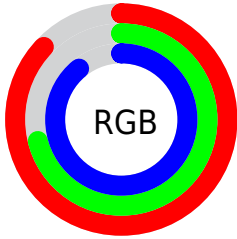
Format	Color
R _Y B	222, 181, 227
Decimal	14595555
CIE Lab	78.53, 22.64, -17.42
CIE LCh	79, 28.571, 322.427
Yxy	54.1234, 0.3110, 0.2782
Android (android.graphics.Color)	4292785635 (0xFFDEB5E3)
YUV	198.5030, 14.0490, 20.6069
Hunter-Lab	73.5686, 18.0576, -12.9111

Details

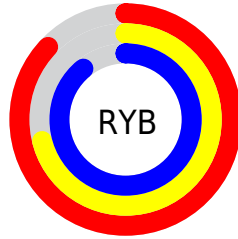
The Yxy color $54.1234, 0.3110, 0.2782$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $68.7113, 0.3135, 0.3843$, and the grayscale version is $56.7021, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $26.5239, 0.3091, 0.2654$ is the 20% darker color. If you saturate the color by 10%, you get $45.2452, 0.3097, 0.2525$, and if you desaturate by 10%, it is $64.5158, 0.3120, 0.3037$.

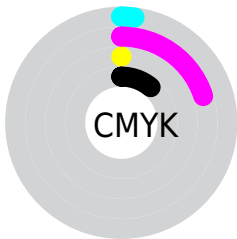
Distribution



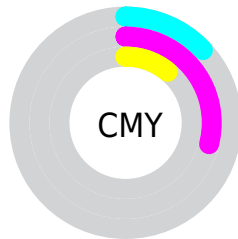
- Red (87%)
- Green (71%)
- Blue (89%)



- Red (87%)
- Yellow (71%)
- Blue (89%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1234, 0.3110, 0.2782 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 54.1234, 0.3110, 0.2782 by changing the saturation by 10% instead.


 54.1234, 0.3110,
0.2782

 54.1234, 0.3110,
0.2782


402.5804, 0.3122,
0.3020

 38.7003, 0.3106,
0.2727


 96.2554, 0.3115,
0.2865

 26.5267, 0.3101,
0.2659


123.7331, 0.3117,
0.2897

 17.2181, 0.3093,
0.2573


155.9979, 0.3118,
0.2925

 10.3901, 0.3081,
0.2460

193.4340, 0.3119,
0.2949

 5.6584, 0.3061,
0.2305

236.4259, 0.3120,
0.2970

 2.6385, 0.3025,
0.2081

285.3580, 0.3121,

 0.9460, 0.2951,

0.2988

0.1734

340.6147, 0.3122,
0.3005

■ 0.0000, 0.2764,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1234, 0.3110,
0.2782

■ 54.1234, 0.3110,
0.2782

■ 45.2452, 0.3097,
0.2525

■ 64.5158, 0.3120,
0.3037

■ 37.8015, 0.3081,
0.2273

■ 76.4833, 0.3127,
0.3284

■ 31.7159, 0.3062,
0.2038

■ 90.0919, 0.3132,
0.3517

■ 26.9020, 0.3039,
0.1829

■ 94.2007, 0.3144,
0.3574

■ 23.2634, 0.3014,
0.1655

■ 94.6179, 0.3160,
0.3573

■ 20.6901, 0.2987,
0.1524

■ 95.0409, 0.3175,
0.3572

■ 19.0510, 0.2959,
0.1437

■ 95.4698, 0.3191,
0.3570

■ 18.1323, 0.2932,
0.1389

■ 95.9047, 0.3207,
0.3569

■ 96.3454, 0.3223,
0.3568

Harmonies

Analogous

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



54.1234, 0.2753, 0.2676



54.1234, 0.3110, 0.2782



54.1234, 0.3493, 0.3004

Triad

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



54.1234, 0.3110, 0.2782



54.1234, 0.3771, 0.3859



54.1234, 0.2508, 0.3226

Complementary

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



54.1234, 0.3110, 0.2782



68.7113, 0.3135, 0.3843

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.



54.1234, 0.2754, 0.3596



54.1234, 0.3110, 0.2782



54.1234, 0.3481, 0.3973

Square

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



54.1234, 0.3110, 0.2782



54.1234, 0.3887, 0.3606



54.1234, 0.3108, 0.3882



54.1234, 0.2422, 0.2905

Rectangle

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



54.1234, 0.3110, 0.2782



54.1234, 0.3705, 0.3195



54.1234, 0.3108, 0.3882



54.1234, 0.2574, 0.3350

Sweetspot

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



54.1257, 0.3110, 0.2782



90.3084, 0.3123, 0.3143



50.6503, 0.2794, 0.2799



19.1138, 0.3123, 0.3126



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.



54.1257, 0.3110, 0.2782



65.7299, 0.3105, 0.2681



54.0058, 0.3291, 0.2974



14.5312, 0.3121, 0.3057



10.6077, 0.2936, 0.1391



0.8068, 0.2979, 0.1414

Inverse Universe

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



52.9308, 0.3487, 0.3234



63.9471, 0.3576, 0.3222



68.8638, 0.2993, 0.3629



14.3934, 0.3275, 0.3265



9.5729, 0.6267, 0.3226



0.7160, 0.5974, 0.3065

Previews

White Background



This preview shows how the Yxy color 54.1234, 0.3110, 0.2782 looks on a white background.

Color Contrast Check

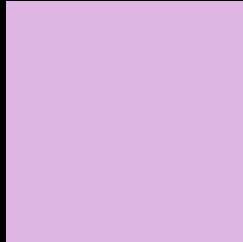
Large Text (above 18pt) WCAG AA × Fail

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 54.1234, 0.3110, 0.2782 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 54.1234, 0.3110, 0.2782

Background



This preview shows how black text looks on a background with the Yxy color 54.1234, 0.3110, 0.2782.



This preview shows how white text looks on a background with the Yxy color 54.1234, 0.3110, 0.2782.

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

54.1234, 0.3110, 0.2782

Protanopia

54.4524, 0.2776, 0.2796

Deuteranopia

54.4053, 0.2943, 0.2882



Tritanopia

54.1934, 0.3285, 0.3129

Trichromacy



Original Color

54.1234, 0.3110, 0.2782

Protanomaly

54.2272, 0.2887, 0.2793

Deuteranomaly

54.2970, 0.2997, 0.2844

Tritanomaly

53.9942, 0.3216, 0.2994

Monochromacy



Original Color

54.1234, 0.3110, 0.2782

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.5681, 0.3120, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1234, 0.3110, 0.2782 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(222, 181, 227)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 181, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 181, 227) }
```

Border

The CSS property to change the border of an element to Yxy 54.1234, 0.3110, 0.2782 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(222, 181, 227) }
```

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

```
.border{ border-color:rgb(222, 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(222, 181, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 181, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 181, 227);  
box-shadow:4px 4px 4px 4px rgb(222, 181,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1234, 0.3110, 0.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 181, 227) }
```

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

```
.background{ background-color: rgb(222,  
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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