

Converting Colors

Yxy(54.0927, 0.3140, 0.3012)

Have a look what the booklet for
Yxy(54.0927, 0.3140, 0.3012)
contains.

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Color

Yxy(54.0927, 0.3140, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	D3BBD3
RGB	211, 187, 211
RGB Percent	83%, 73%, 83%
CMY	0.1726, 0.2666, 0.1725
CMYK	0.00, 0.11, 0.00, 0.17
HSL	300°, 21%, 78%
HSV	300°, 11%, 83%
XYZ	56.3915, 54.0927, 69.1065
YIQ	196.9120, 6.6000, 12.5520

Conversions

Conversions Part 2

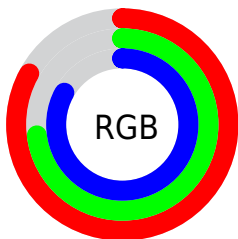
Format	Color
R_{YB}	211, 187, 211
Decimal	13876179
CIE Lab	78.52, 12.75, -8.92
CIE LCh	79, 15.556, 325.019
Yxy	54.0927, 0.3140, 0.3012
Android (android.graphics.Color)	4292066259 (0xFFD3BBD3)
YUV	196.9120, 6.9454, 12.3552
Hunter-Lab	73.5477, 8.1533, -4.2263

Details

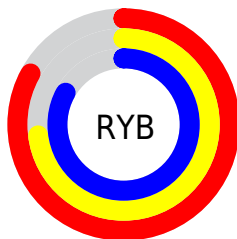
The Yxy color `54.0927, 0.3140, 0.3012` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `60.7534, 0.3114, 0.3585`, and the grayscale version is `55.7344, 0.3127, 0.3290`.

A 20% lighter version of the original color is `92.5812, 0.3133, 0.3175`, and `26.5184, 0.3143, 0.2952` is the 20% darker color. If you saturate the color by 10%, you get `45.7863, 0.3151, 0.2762`, and if you desaturate by 10%, it is `63.7194, 0.3129, 0.3257`.

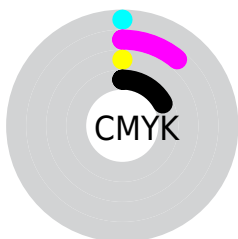
Distribution



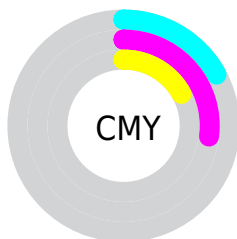
- Red (83%)
- Green (73%)
- Blue (83%)



- Red (83%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)




- Cyan (17%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0927, 0.3140, 0.3012 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 54.0927, 0.3140, 0.3012 by changing the saturation by 10% instead.


 54.0927, 0.3140,
0.3012

 54.0927, 0.3140,
0.3012


402.4634, 0.3135,
0.3145

 38.6758, 0.3141,
0.2981


 96.2103, 0.3138,
0.3059

 26.5076, 0.3142,
0.2941


123.6799, 0.3138,
0.3077

 17.2038, 0.3143,
0.2891


155.9357, 0.3137,
0.3092

 10.3799, 0.3144,
0.2823

193.3622, 0.3137,
0.3106

 5.6515, 0.3144,
0.2727

236.3439, 0.3136,
0.3117

 2.6344, 0.3141,
0.2583

285.2650, 0.3136,

 0.9440, 0.3132,

0.3128

0.2341

340.5101, 0.3135,
0.3137

0.0000, 0.2585,
0.0000

0.0000, 0.0000,
0.0000

54.0927, 0.3140,
0.3012

54.0927, 0.3140,
0.3012

45.7863, 0.3151,
0.2762

63.7194, 0.3129,
0.3257

38.7359, 0.3163,
0.2516

74.7129, 0.3118,
0.3492

32.8826, 0.3174,
0.2280

87.1262, 0.3108,
0.3713

28.1598, 0.3183,
0.2065

90.0844, 0.3105,
0.3760

24.4947, 0.3192,
0.1881

90.0876, 0.3106,
0.3760

21.8057, 0.3198,
0.1734

90.0909, 0.3106,
0.3760

19.9995, 0.3203,
0.1629

90.0941, 0.3106,
0.3760

18.9647, 0.3206,
0.1567

90.0973, 0.3106,
0.3760

18.5230, 0.3207,
0.1540

90.1006, 0.3106,
0.3760

Harmonies

Analogous

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



54.0927, 0.2938, 0.2947



54.0927, 0.3140, 0.3012



54.0927, 0.3344, 0.3145

Triad

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



54.0927, 0.3140, 0.3012



54.0927, 0.3470, 0.3614



54.0927, 0.2775, 0.3245

Complementary

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



54.0927, 0.3140, 0.3012



60.7534, 0.3114, 0.3585

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.



54.0927, 0.2909, 0.3439



54.0927, 0.3140, 0.3012



54.0927, 0.3309, 0.3656

Square

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



54.0927, 0.3140, 0.3012



54.0927, 0.3538, 0.3488



54.0927, 0.3104, 0.3592



54.0927, 0.2733, 0.3073

Rectangle

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



54.0927, 0.3140, 0.3012



54.0927, 0.3452, 0.3258



54.0927, 0.3104, 0.3592



54.0927, 0.2811, 0.3310

Sweetspot

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



54.0950, 0.3140, 0.3012



95.2143, 0.3131, 0.3217



50.9832, 0.2949, 0.3000



20.1130, 0.3131, 0.3197



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.



54.0950, 0.3140, 0.3012



79.2927, 0.3143, 0.2943



53.5374, 0.3230, 0.3145



12.0084, 0.3138, 0.3061



11.1770, 0.3207, 0.1540



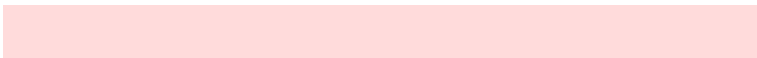
0.6252, 0.3207, 0.1540

Inverse Universe

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



52.9840, 0.3329, 0.3290



77.2120, 0.3387, 0.3290



61.2676, 0.3035, 0.3440



11.8084, 0.3290, 0.3290



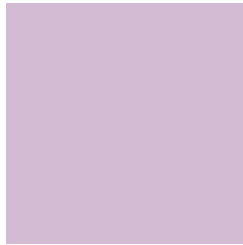
8.3582, 0.6400, 0.3299



0.4674, 0.6395, 0.3297

Previews

White Background



This preview shows how the Yxy color 54.0927, 0.3140, 0.3012 looks on a white background.

Color Contrast Check

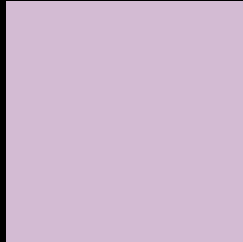
Large Text (above 18pt) WCAG AA × Fail

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 54.0927, 0.3140, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

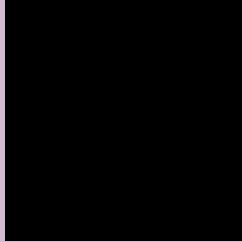
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0927, 0.3140, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 54.0927, 0.3140, 0.3012.



This preview shows how white text looks on a background with the Yxy color 54.0927, 0.3140, 0.3012.

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

54.0927, 0.3140, 0.3012

Protanopia

54.2527, 0.2960, 0.3026

Deuteranopia

54.2202, 0.3099, 0.3032



Tritanopia

53.9799, 0.3193, 0.3114

Trichromacy



Original Color

54.0927, 0.3140, 0.3012

Protanomaly

54.2588, 0.3021, 0.3018

Deuteranomaly

54.0795, 0.3115, 0.3022

Tritanomaly

54.1243, 0.3170, 0.3080

Monochromacy



Original Color

54.0927, 0.3140, 0.3012

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.9608, 0.3132, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0927, 0.3140, 0.3012 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(211, 187, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 187, 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(211, 187, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 187, 211) }
```

Border

The CSS property to change the border of an element to Yxy 54.0927, 0.3140, 0.3012 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(211, 187, 211) }
```

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

```
.border{ border-color:rgb(211, 187, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 187, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 187, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 187, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 187,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0927, 0.3140, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 187, 211) }
```

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

```
.background{ background-color: rgb(211,  
187, 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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