

Converting Colors

$Yxy(56.6926, 0.3252, 0.3047)$

Have a look what the booklet for
Yxy(56.6926, 0.3252, 0.3047)
contains.

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Color

Yxy(56.4669, 0.3253, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	E0BCD2
RGB	224, 188, 210
RGB Percent	88%, 74%, 82%
CMY	0.1218, 0.2626, 0.1765
CMYK	0.00, 0.16, 0.06, 0.12
HSL	323°, 37%, 81%
HSV	323°, 16%, 88%
XYZ	60.3439, 56.4669, 68.6915
YIQ	201.2720, 14.3940, 14.4740

Conversions

Conversions Part 2

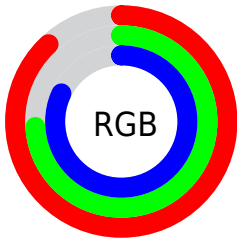
Format	Color
RYB	224, 188, 210
Decimal	14728402
CIELab	79.88, 16.47, -6.22
CIELCh	80, 17.602, 339.295
Yxy	56.4669, 0.3253, 0.3044
Android (android.graphics.Color)	4292918482 (0xFFE0BCD2)
YUV	201.2720, 4.3029, 19.9325
Hunter-Lab	75.1445, 11.8396, -1.5974

Details

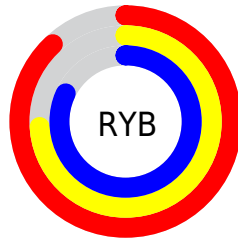
The Yxy color **56.4669, 0.3253, 0.3044** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2399, 0.3019, 0.3549**, and the grayscale version is **58.5509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **28.1633, 0.3285, 0.2982** is the 20% darker color. If you saturate the color by 10%, you get **47.2088, 0.3351, 0.2883**, and if you desaturate by 10%, it is **67.2382, 0.3170, 0.3200**.

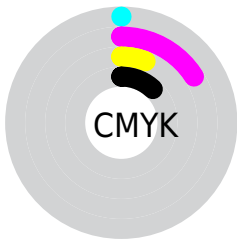
Distribution



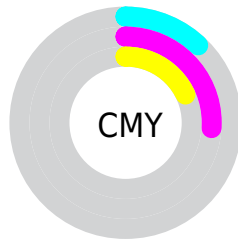
- Red (88%)
- Green (74%)
- Blue (82%)



- Red (88%)
- Yellow (74%)
- Blue (82%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (12%)





- Cyan (12%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4669, 0.3253, 0.3044 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 56.4669, 0.3253, 0.3044 by changing the saturation by 10% instead.


 56.4669, 0.3253,
0.3044

 56.4669, 0.3253,
0.3044


411.4487, 0.3193,
0.3161

 40.5774, 0.3267,
0.3017


 99.6869, 0.3232,
0.3085

 27.9890, 0.3285,
0.2982


127.7862, 0.3224,
0.3101

 18.3174, 0.3307,
0.2938


160.7242, 0.3217,
0.3114

 11.1781, 0.3337,
0.2880

198.8853, 0.3211,
0.3126

 6.1867, 0.3380,
0.2797

242.6539, 0.3206,
0.3136

 2.9590, 0.3443,
0.2674

292.4144, 0.3201,

 1.1103, 0.3549,

0.3146

0.2471

348.5512, 0.3197,
0.3154

0.0000, 0.4807,
0.0000

0.0000, 0.0000,
0.0000

56.4669, 0.3253,
0.3044

56.4669, 0.3253,
0.3044

47.2088, 0.3351,
0.2883

67.2382, 0.3170,
0.3200

39.3878, 0.3466,
0.2721

79.5794, 0.3101,
0.3347

32.9324, 0.3599,
0.2566

93.4197, 0.3044,
0.3483

27.7620, 0.3749,
0.2426

93.9377, 0.2996,
0.3393

■ 23.7876, 0.3913,
0.2313

■ 94.4806, 0.2948,
0.3305

■ 20.9083, 0.4089,
0.2239

■ 94.5787, 0.2940,
0.3289

■ 19.0070, 0.4268,
0.2213

■ 17.9379, 0.4443,
0.2240

■ 17.6450, 0.4512,
0.2259

Harmonies

Analogous

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



56.4669, 0.3019, 0.2932



56.4669, 0.3253, 0.3044



56.4669, 0.3459, 0.3216

Triad

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



56.4669, 0.3253, 0.3044



56.4669, 0.3434, 0.3688



56.4669, 0.2700, 0.3141

Complementary

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



56.4669, 0.3253, 0.3044



68.2399, 0.3019, 0.3549

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.



56.4669, 0.2803, 0.3354



56.4669, 0.3253, 0.3044



56.4669, 0.3223, 0.3681

Square

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



56.4669, 0.3253, 0.3044



56.4669, 0.3564, 0.3586



56.4669, 0.2992, 0.3556



56.4669, 0.2706, 0.2980

Rectangle

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



56.4669, 0.3253, 0.3044



56.4669, 0.3549, 0.3347



56.4669, 0.2992, 0.3556



56.4669, 0.2722, 0.3209

Sweetspot

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



56.4694, 0.3253, 0.3044



91.8185, 0.3163, 0.3215



53.8844, 0.2972, 0.2873



19.4161, 0.3168, 0.3204



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.



56.4694, 0.3253, 0.3044



71.7351, 0.3282, 0.2995



55.6316, 0.3396, 0.3243



13.8408, 0.3197, 0.3148



10.2994, 0.4487, 0.2245



0.7313, 0.4237, 0.2108

Inverse Universe

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



56.4694, 0.3253, 0.3044



71.7351, 0.3282, 0.2995



69.1314, 0.2910, 0.3338



13.8408, 0.3197, 0.3148



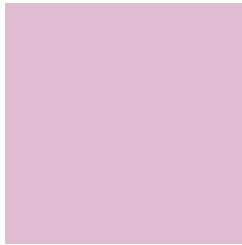
10.2994, 0.4487, 0.2245



0.7313, 0.4237, 0.2108

Previews

White Background



This preview shows how the Yxy color 56.4669, 0.3253, 0.3044 looks on a white background.

Color Contrast Check

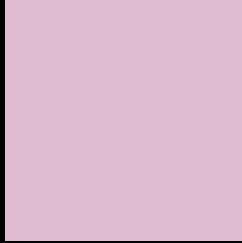
Large Text (above 18pt) WCAG AA × Fail

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 56.4669, 0.3253, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

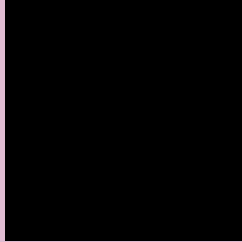
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4669, 0.3253, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 56.4669, 0.3253, 0.3044.



This preview shows how white text looks on a background with the Yxy color 56.4669, 0.3253, 0.3044.

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

56.4669, 0.3253, 0.3044

Protanopia

56.7091, 0.2998, 0.3077

Deuteranopia

56.2998, 0.3160, 0.3094



Tritanopia

56.4428, 0.3291, 0.3121

Trichromacy



Original Color

56.4669, 0.3253, 0.3044

Protanomaly

56.6531, 0.3090, 0.3070

Deuteranomaly

56.4640, 0.3193, 0.3084

Tritanomaly

56.5394, 0.3276, 0.3099

Monochromacy



Original Color

56.4669, 0.3253, 0.3044

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.3948, 0.3171, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4669, 0.3253, 0.3044 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, 188, 210)` looks like.

```
.text, #text, p{  
    color:rgb(224, 188, 210)  
}
```

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, 188, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 188, 210) }
```

Border

The CSS property to change the border of an element to Yxy 56.4669, 0.3253, 0.3044 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, 188, 210) }
```

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

```
.border{ border-color:rgb(224, 188, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 188, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 188, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 188, 210);  
box-shadow:4px 4px 4px 4px rgb(224, 188,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4669, 0.3253, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 188, 210) }
```

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

```
.background{ background-color: rgb(224,  
188, 210) }
```

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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