

Converting Colors

$Y_{xy}(56.6919, 0.3259, 0.3043)$

Have a look what the booklet for
Yxy(56.6919, 0.3259, 0.3043)
contains.

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Color

Yxy(56.6271, 0.3262, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	E1BCD2
RGB	225, 188, 210
RGB Percent	88%, 74%, 82%
CMY	0.1174, 0.2628, 0.1764
CMYK	0.00, 0.16, 0.07, 0.12
HSL	324°, 38%, 81%
HSV	324°, 16%, 88%
XYZ	60.6825, 56.6271, 68.7190
YIQ	201.5710, 14.9900, 14.6860

Conversions

Conversions Part 2

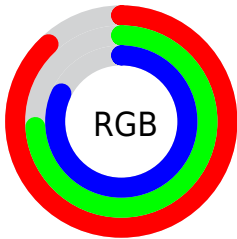
Format	Color
R _Y B	225, 188, 210
Decimal	14793938
CIE Lab	79.97, 16.88, -6.09
CIE LCh	80, 17.942, 340.158
Yxy	56.6271, 0.3262, 0.3044
Android (android.graphics.Color)	4292984018 (0xFFE1BCD2)
YUV	201.5710, 4.1555, 20.5472
Hunter-Lab	75.2510, 12.2535, -1.4678

Details

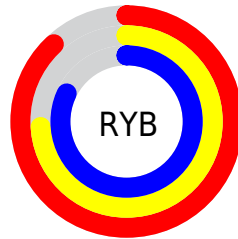
The Yxy color **56.6271, 0.3262, 0.3044** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.8828, 0.3012, 0.3549**, and the grayscale version is **58.7532, 0.3127, 0.3290**.

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 **47.3112, 0.3365, 0.2887**, and if you desaturate by 10%, it is **67.4732, 0.3175, 0.3196**.

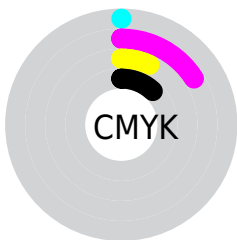
Distribution



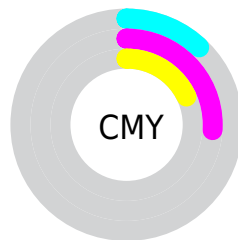
- Red (88%)
- Green (74%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (12%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6271, 0.3262, 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 56.6271, 0.3262, 0.3044 by changing the saturation by 10% instead.


 56.6271, 0.3262,
0.3044

 56.6271, 0.3262,
0.3044


412.0505, 0.3198,
0.3161

 40.7059, 0.3277,
0.3017


 99.9209, 0.3239,
0.3085

 28.0894, 0.3296,
0.2982


128.0623, 0.3231,
0.3101

 18.3930, 0.3320,
0.2938


161.0459, 0.3223,
0.3114

 11.2325, 0.3353,
0.2880

199.2560, 0.3217,
0.3126

 6.2235, 0.3398,
0.2798

243.0772, 0.3211,
0.3136

 2.9814, 0.3467,
0.2675

292.8937, 0.3206,

 1.1220, 0.3581,

0.3145

0.2472

349.0900, 0.3202,
0.3154

0.0000, 0.4920,
0.0000

0.0000, 0.0000,
0.0000

56.6271, 0.3262,
0.3044

56.6271, 0.3262,
0.3044

47.3112, 0.3365,
0.2887

67.4732, 0.3175,
0.3196

39.4483, 0.3486,
0.2730

79.9073, 0.3103,
0.3340

32.9658, 0.3626,
0.2579

93.6746, 0.3043,
0.3469

27.7817, 0.3784,
0.2443

94.2229, 0.2993,
0.3375

■ 23.8051, 0.3959,
0.2335

■ 94.7567, 0.2947,
0.3289

■ 20.9337, 0.4144,
0.2266

■ 19.0475, 0.4334,
0.2247

■ 17.9956, 0.4519,
0.2280

■ 17.7323, 0.4584,
0.2299

Harmonies

Analogous

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



56.6271, 0.3023, 0.2928



56.6271, 0.3262, 0.3044



56.6271, 0.3470, 0.3221

Triad

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



56.6271, 0.3262, 0.3044



56.6271, 0.3434, 0.3697



56.6271, 0.2691, 0.3132

Complementary

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



56.6271, 0.3262, 0.3044



68.8828, 0.3012, 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.



56.6271, 0.2792, 0.3349



56.6271, 0.3262, 0.3044



56.6271, 0.3218, 0.3686

Square

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



56.6271, 0.3262, 0.3044



56.6271, 0.3570, 0.3595



56.6271, 0.2983, 0.3556



56.6271, 0.2701, 0.2971

Rectangle

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



56.6271, 0.3262, 0.3044



56.6271, 0.3560, 0.3354



56.6271, 0.2983, 0.3556



56.6271, 0.2713, 0.3201

Sweetspot

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



56.6296, 0.3262, 0.3044



91.8047, 0.3164, 0.3217



54.0680, 0.2972, 0.2861



19.4127, 0.3170, 0.3207



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.



56.6296, 0.3262, 0.3044



70.4047, 0.3298, 0.2987



55.7673, 0.3409, 0.3249



13.8366, 0.3200, 0.3152



10.2361, 0.4557, 0.2284



0.7271, 0.4293, 0.2139

Inverse Universe

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



56.6296, 0.3262, 0.3044



70.4047, 0.3298, 0.2987



69.8094, 0.2901, 0.3332



13.8366, 0.3200, 0.3152



10.2361, 0.4557, 0.2284



0.7271, 0.4293, 0.2139

Previews

White Background



This preview shows how the Yxy color 56.6271, 0.3262, 0.3044 looks on a white background.

Color Contrast Check

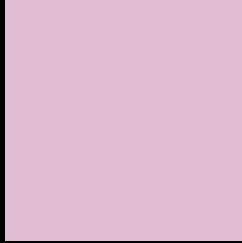
Large Text (above 18pt) WCAG AA × Fail

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 56.6271, 0.3262, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

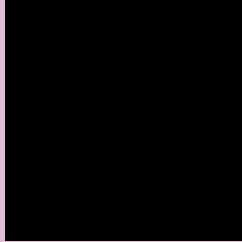
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6271, 0.3262, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 56.6271, 0.3262, 0.3044.



This preview shows how white text looks on a background with the Yxy color 56.6271, 0.3262, 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

56.6271, 0.3262, 0.3044

Protanopia

56.7607, 0.2991, 0.3066

Deuteranopia

56.8895, 0.3168, 0.3106



Tritanopia

56.6021, 0.3300, 0.3121

Trichromacy



Original Color

56.6271, 0.3262, 0.3044

Protanomaly

56.7040, 0.3083, 0.3058

Deuteranomaly

56.6168, 0.3201, 0.3085

Tritanomaly

56.6987, 0.3284, 0.3099

Monochromacy



Original Color

56.6271, 0.3262, 0.3044

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.0419, 0.3171, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6271, 0.3262, 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(225, 188, 210)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 188, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 188, 210) }
```

Border

The CSS property to change the border of an element to Yxy 56.6271, 0.3262, 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(225, 188, 210) }
```

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

```
.border{ border-color:rgb(225, 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(225, 188, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 188, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 188, 210);  
box-shadow:4px 4px 4px 4px rgb(225, 188,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6271, 0.3262, 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(225, 188, 210) }
```

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

```
.background{ background-color: rgb(225,  
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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